

# Curriculum Vitae | Rebecca Lutz

## Personal Information

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Nationality            Austrian  
Email                    rebecca.lutz@univie.ac.at

## RESEARCH INTERESTS

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Empathy • Prosocial behavior • Pain processing • Placebo/Nocebo effect • Neuroimaging

## EDUCATION

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10/2023 – present        **PhD (Dr. rer. medic) student**  
                                  *The Bingel Laboratory - Translational Pain Research Unit (University Medicine Essen, Germany)*  
                                  Supervisor: Prof Ulrike Bingel

01/2021 – 09/2023        **MSc in Psychology**  
                                  *University of Vienna (Austria)*  
                                  Thesis: “Empathic concern and prosocial behavior in 18-month-old toddlers”  
                                  Graduated with honors

10/2017 - 01/2021        **BSc in Psychology**  
                                  *University of Vienna (Austria)*  
                                  01/2021 Acquisition of the Bachelor of Science

## RESEARCH EXPERIENCE

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05/2023 – 09/2023        **Student research assistant**  
                                  *SCAN-Unit, Department of Cognition, Emotion, and Methods in Psychology, University of Vienna (Austria)*

- Assisting in the research project: op:cog22 - “Investigating the role of opioids in social cognition”
- Collecting data using various methods (Opioids, Constant current stimulator, ECG, Dynamometer)
- Conducting psychological health screenings using the M.I.N.I German Version 5.0.0 (Mini international neuropsychiatric interview) and CTQ (Childhood trauma questionnaire)
- Recruiting for and organizing of testings
- Supervisors: Prof Claus Lamm, Dr Markus Rütgen, Julia Braunstein MSc

09/2022 – 01/2023        **Research intern**  
                                  *Comparative Canine Neuroimaging Unit, University of Vienna (Austria)*

- Preparation of scanner and training equipment for canine MRI data acquisition and training

- Assisting with MRI data collection and training with dogs
- Training of new interns
- Supervisors: Prof Ludwig Huber, Prof Claus Lamm

07/2022

**Student assistant**

*ESCAN 2022 in Vienna, European Society for Cognitive and Affective Neuroscience (Austria)*

- Assisting at the conference and the social events
- Technical help/trouble shooting during keynotes, symposia and oral presentations
- Local organizers: Assoc Prof Giorgia Silani, Prof Claus Lamm

05/2022 – 09/2023

**Student research assistant**

*Children's Studies in Vienna, Department of Developmental Psychology, University of Vienna (Austria)*

- Assisting in the research project: "Laughing Together. The Influence of laughter on cooperation in the context of bio-behavioural synchrony"
- Collecting data using various neuroscientific methods (fNIRS, ECG)
- Tech trouble shooting (fNIRS and other technical equipment)
- Recruiting for and organizing of testings
- Training of new interns and master students writing their master thesis
- Coding of laughter (ELAN)
- Supervisors: Prof Stefanie Höhl, Dr Carolina Pletti, Verena Schäfer MSc

04/2022 – 04/2023

**Research intern**

*SCAN-Unit, Department of Cognition, Emotion, and Methods in Psychology, University of Vienna (Austria)*

- Assisting in the research project: op:cog22 - "Investigating the role of opioids in social cognition"
- Collecting data using various methods (Opioids, Constant current stimulator, ECG, Dynamometer)
- Conducting psychological health screenings using the M.I.N.I German Version 5.0.0 (Mini international neuropsychiatric interview) and CTQ (Childhood trauma questionnaire)
- Supervisors: Prof Claus Lamm, Dr Markus Rütgen, Julia Braunstein MSc

12/2021 – Present

**MSc project**

*Children's Studies in Vienna, Department of Developmental Psychology, University of Vienna (Austria)*

- Master's thesis in the project: "InteroSens – Interoceptive sensitivity and social development in infancy"
- Collecting data using various neuroscientific methods (fNIRS, ECG, Eyetracking) and video observations
- Thesis: "Empathic concern and prosocial behavior in 18-month-old toddlers"
- Supervisors: Prof Stefanie Höhl, Markus Tünte MSc

10/2021 - 04/2022

**Research intern**

*Children's Studies in Vienna, Department of Developmental Psychology, University of Vienna (Austria)*

- Assisting in the research projects: “InteroSens – Interoceptive sensitivity and social development in infancy” and „EiToM – Emotional implicit theory of mind and interoception“
- Conducting literature research
- Formulating experimental paradigms on social cognitive skills
- Collecting data using various neuroscientific methods (fNIRS, ECG, Eyetracking)
- Analyzing physiological data (ECG)
- Programming experiments using OpenSesame (Python)
- Writing a Preregistration
- Supervisors: Prof Stefanie Höhl, Markus Tünte MSc

## AWARDS & FUNDING

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Performance scholarship of the University of Vienna (2023)

## POSTER PRESENTATIONS

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Tünte, M., Jordan, G., **Lutz, R.**, & Höhl, S. (2023, March 23). *Using micro-coding to investigate temporal dynamics of empathic concern in 18-month-old infants* [Poster Presentation]. SRCD 2023 Biennial Meeting, Salt Lake City, Utah, USA

**Lutz, R.**, Tünte, M., & Höhl, S. (2023, February 03). *Empathic concern and prosocial behavior in 18-month-old toddlers* [Poster Presentation]. CoBeNe Academy Conference 2023, Vienna, Austria

## RELEVANT SKILLS

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Software:	very good skills in <b>MS Office</b> advanced skills in <b>Interact, OpenSesame, SoSci Survey, SPSS, JASP, R, ELAN</b> basic skills in <b>PsychoPy</b>
Programming:	<b>Python</b> for fMRI data (pre-)processing, statistical analysis, programming tasks <b>MATLAB</b> for fNIRS data preprocessing, EEG data preprocessing, programming tasks
Research experience:	<b>fNIRS, fMRI, EEG, Eyetracking, ECG, Opioids, Constant current stimulator</b> (Digitimer DS5), <b>Dynamometer</b>
Languages:	German (first language), English (C2), French (A2)

## REFERENCES

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### Prof Stefanie Höhl

Professor of Developmental Psychology (University of Vienna)

Contact: stefanie.hoehl@univie.ac.at, +43 1 4277 47470

### Prof Claus Lamm

Professor of Biological Psychology (University of Vienna)

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