

# Yannik Stegmann | Dr. rer. Nat.

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## Education

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| <b>Dr. rer. nat.</b><br><i>Psychology and Neuroscience</i><br>Thesis on “Electrocortical mechanisms of sustained attention during the acquisition and interaction of conditioned fear and anxiety” | <b>University of Würzburg, Germany</b><br>2016 - 2021    |
| <b>Psychological Psychotherapy</b><br><i>Cognitive Behavioral Therapy</i>  | <b>University of Würzburg, Germany</b><br>2016 - present |
| <b>Master of Science (with distinction)</b><br><i>Psychology</i><br>Thesis on “The influence of the experimenters’ profession on psychologically induced placebo analgesia”                        | <b>University of Würzburg, Germany</b><br>2014 - 2016    |
| <b>Bachelor of Science (with distinction)</b><br><i>Psychology</i><br>Thesis on “Perceptual cues versus fear-associated information: Public speaking in virtual reality.”                          | <b>University of Würzburg, Germany</b><br>2011 - 2014    |

## Positions

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| <b>Akademischer Rat (Postdoc)</b><br><i>Clinical and biological psychology</i><br>Department of Psychology I, Experimental Clinical Psychology   | <b>University of Würzburg, Germany</b><br>2022 - present  |
| <b>Psychological Psychotherapist</b><br><i>Clinical Psychology</i><br>Cognitive behavioral therapy at specialized units for patients with depression / for psychological psychotherapy / and for geriatric patients. | <b>University Clinic Würzburg, Germany</b><br>2019 - 2021 |
| <b>Research Scientist</b><br><i>Clinical and biological psychology</i><br>Department of Psychology I, Biological Psychology, Clinical Psychology and Psychotherapy   | <b>University of Würzburg, Germany</b><br>2016 - present  |
| <b>Student Teaching Assistant</b><br><i>Statistics</i><br>Department of Psychology III, Psychological Methods, Cognition and Applied Research  | <b>University of Würzburg, Germany</b><br>2012 - 2016     |
| <b>Student Research Assistant</b><br><i>Clinical and biological psychology</i><br>Department of Psychology I, Biological Psychology, Clinical Psychology and Psychotherapy   | <b>University of Würzburg, Germany</b><br>2012 - 2016     |

## Honors and Research stays

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<b>Poster Award</b> <i>11th European Meeting of Human Fear Conditioning</i>	<b>University of Würzburg, Germany</b> 2019
<b>Research Stay</b> <i>Center for the Study of Emotion and Attention (CSEA)</i>	<b>University of Florida, Gainesville, USA</b> 2019
<b>GSLs Travel Award</b> <i>To attend the "Psychology and Brain" annual meeting</i>	<b>University of Würzburg, Germany</b> 2018
<b>G.A. Lienert Award</b> <i>For the study of biopsychological methods</i>	<b>G.A. Lienert-Stiftung, Germany</b> 2018
<b>Deutschlandstipendium</b> <i>Student Award</i>	<b>University of Würzburg, Germany</b> 2013

## Teaching

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Seminar in Clinical Psychology (M.Sc.): Evidence-based practices in psychotherapy

Seminar in Clinical Psychology (M.Sc.): Clinical neuroscience

Seminar in Clinical Psychology (M.Sc.): Emotional disorders - Psychopathology and cognitive behavior therapy techniques

Seminar in Clinical Psychology (B.Sc.): Development and maintenance of mental disorders from a metacognitive perspective

Seminar in Clinical Psychology (B.Sc.): The rhythms of the brain – Introduction to neural oscillations

## Publications

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### Peer-reviewed journal articles

Zaman, J., Yu, K., Andreatta, M., Wieser, M. J., **Stegmann, Y.** (2023) Examining the impact of cue similarity and fear learning on perceptual tuning. *Sci Rep* 13, 13009. <https://doi.org/10.1038/s41598-023-40166-w>

Gromer D., Hildebrandt L. K., **Stegmann Y.** (2023) The Role of Expectancy Violation in Extinction Learning: A Two-Day Online Fear Conditioning Study. *Clin Psychol Eur.* 2023 Jun;5(2) e9627. <https://doi.org/10.32872/cpe.9627>

**Stegmann, Y.**, Andreatta, M., & Wieser, M. J. (2022). The effect of inherently threatening contexts on visuocortical engagement to conditioned threat. *Psychophysiology*, 00, e14208. <https://doi.org/10.1111/psyp.14208>

**Stegmann, Y.,** Andreatta, M., Pauli, P., Keil, A., & Wieser, M. J. (2022). Investigating sustained attention in contextual threat using steady-state VEPs evoked by flickering video stimuli. *Psychophysiology*, 00, e14229. <https://doi.org/10.1111/psyp.14229>

**Stegmann, Y.,** Andreatta, M. Pauli, P. & Wieser, M. J. (2021). Associative learning shapes visual discrimination in a web-based classical conditioning task. *Sci Rep* 11, 15762. <https://doi.org/10.1038/s41598-021-95200-6>

**Stegmann, Y.,** Ahrens, L., Pauli, P., Keil, A., & Wieser, M. J. (2020). Social aversive generalization learning sharpens the tuning of visuocortical neurons to facial identity cues. *eLife*, 9, e55204, <https://doi.org/10.7554/eLife.55204>.

**Stegmann, Y.,** Schiele, M.A., Schümann, D., Lonsdorf, T.B., Zwanzger, P., Romanos, M., Reif, A., Domschke, K., Deckert, J., Gamer, M., Pauli, P., (2019). Individual differences in human fear generalization—pattern identification and implications for anxiety disorders. *Translational Psychiatry*, 9(1), 307, <https://doi.org/10.1038/s41398-019-0646-8>.

**Stegmann, Y.,** Reicherts, P., Andreatta, M., Pauli, P., & Wieser, M. J. (2019). The effect of trait anxiety on attentional mechanisms in combined context and cue conditioning and extinction learning. *Scientific Reports*, 9(1), 8855, <https://doi.org/10.1038/s41598-019-45239-3>.

## Contributions to international conferences

### Talk contributions:

**Y. Stegmann,** Prepare for trouble, make it double: Aversive contexts enhance defensive responses to conditioned threat. Annual meeting of the Society of Psychophysiology, New Orleans, Louisiana, USA, September 2023.

**Y. Stegmann,** Making it worse? Aversive contexts enhance defensive responses to conditioned threat. Jahrestagung Fachgruppe klinische Psychologie, Tübingen, Germany, Juni 2023.

**Y. Stegmann,** ... , M. J. Wieser, M. Gamer, P. Pauli. Individual Differences in Human Fear Generalization and Implications for Anxiety Disorders, Jahrestagung Fachgruppe klinische Psychologie, Online, Juni 2021.

### Poster contributions:

**Stegmann Y.,** Reicherts P., Andreatta M., Pauli P. and Wieser M. J. Attentional mechanisms in combined context and cue extinction learning using the NPU-threat test, Annual Meeting of the Society for Psychophysiology, Vienna, October 2017.

**Stegmann Y.,** Reicherts P., Andreatta, M., Pauli P. and Wieser M. J. “Attentional mechanisms in combined context and cue extinction learning using the NPU-threat test, 2017, World Association for Stress Related and Anxiety Disorders (WASAD), International Congress of the World Association for Stress Related and Anxiety Disorders, Würzburg, October 2017.

**Stegmann Y.,** Reicherts P., Andreatta, M., Pauli P. and Wieser M. J. Attentional mechanisms in combined context and cue extinction learning using the NPU-threat test. Annual Meeting of the European Meeting of Human Fear Conditioning, Cardiff, April, 2018.

**Stegmann Y.**, Reicherts P., Pauli P. and Wieser M. J. Investigating attentional mechanisms during contextual anxiety and extinction learning using steady state VEPs, 2018, Jahrestagung Psychologie und Gehirn, Gießen, Juni 2018.

**Stegmann Y.**, Reicherts P., Pauli P. and Wieser M. J. Investigating sustained attention in contextual anxiety using steady-state VEPs evoked by flickering video stimuli. 2018, Annual Meeting of the Society for Psychophysiology, Quebec, October 2018.

**Stegmann Y.**, Reicherts P., Pauli P. and Wieser M. J. Investigating attentional mechanisms in an orthogonal cue and context conditioning paradigm. 2019, Annual Meeting of the European Meeting of Human Fear Conditioning, Würzburg, May, 2019.

**Stegmann Y.**, Reicherts P., Pauli P. and Wieser M. J. Preliminary evidence for potentiated fear responses during contextual anxiety in a new orthogonal cue and context conditioning paradigm. 2019, Jahrestagung Psychologie und Gehirn, Dresden, Juni 2019.

**Stegmann Y.**, Reicherts P., Pauli P. and Wieser M. J. The Effect of sustained Anxiety on Phasic Fear Responses in a new orthogonal cue and context conditioning paradigm, 2019, Annual Meeting of the Society for Psychophysiology, Washington, D.C., September 2019.

**Stegmann Y.**, Reicherts P., Pauli P. and Wieser M. J. The Effect of sustained Anxiety on Phasic Fear Responses in a new orthogonal cue and context conditioning paradigm, 2019, World Association for Stress Related and Anxiety Disorders (WASAD), International Congress of the World Association for Stress Related and Anxiety Disorders, Würzburg, October 2019.

**Stegmann Y.**, Andreatta, M., and Wieser M. J. The Impact of Threatening Contexts on Defensive Responses to Conditioned Fear Stimuli. 2022 Jahrestagung Psychologie und Gehirn, Freiburg, Juni 2022.

**Stegmann Y.**, Andreatta, M., and Wieser M. J. The Impact of Threatening Contexts on Defensive Responses to Conditioned Fear Stimuli. 2022, Annual Meeting of the Society for Psychophysiology, Vancouver, September 2022.