

KATERINA CHRISTODOULOU

PHD CANDIDATE

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LinkedIn

GitHub

As a motivated PhD candidate, with a background in Psychology and Cognitive Neuroscience, my research focuses on understanding individual differences in perception. Specifically, I explore how mental imagery and sensory processing sensitivity influence our visual perception within a predictive brain framework. I am committed to leveraging research findings to contribute positively to societal understanding and applications.

SKILLS

- EEG and eye-tracking
- Research and Data Analysis (Python, R, MATLAB)
- Programming (Python, R, MATLAB)
- Data Visualization
- Project Management
- Collaboration and Teamwork
- Communication Skills
- Adaptability
- Problem-Solving
- Ethical Review Process
- Teaching and Instruction
- Experimental Design

EDUCATION

MSc Behavioural & Cognitive Neuroscience

University of Groningen

09/2018 - 08/2021

GPA: 3.9 / 4.0 (7.9)

BSc Psychology

University of Groningen

09/2013 - 01/2018

GPA: 4.0 / 4.0 (8.9) | First Honour's Degree

PROFESSIONAL EXPERIENCE

PhD Candidate

Tilburg University

01/2024 - currently

Tilburg, Netherlands

- Studying individual differences in perception. Specifically, I explore how mental imagery extremes and sensory processing sensitivity influence our visual perception within a predictive brain framework, using behavioural and physiological measures.

Lecturer (Docent)

University of Groningen

08/2022 - 07/2023

Groningen, Netherlands

- Taught courses in Cognitive Psychology, Research Methods, and Experimental Design.
- Supervised 5 Bachelor theses.
- Coordinated Research Practicum for over 70 students.
- Conducted independent projects on how metacognitive beliefs influence effective learning using the educational app MemoryLab (FKA SlimStampen), and how image memorability affects temporal perception.

Research Intern

University of Groningen

09/2020 - 07/2021

Groningen, Netherlands

- Investigated interbrain synchrony (IBS) and tacit coordination.
- Conducted EEG experiments, analyzed data in MATLAB & R.
- Wrote a scientific report and presented research at the University's conference.

Student Research Assistant

University of Groningen

09/2019 - 06/2020

Groningen, Netherlands

- Managed recruitment, scheduling, and execution of eye-tracking experiments.
- Investigated the effects of covert attention to light on pupil light response (PLR).
- Updated educational material for the Cognitive Psychology course.
- Investigated the experimental methodology and proposed advancements for examining how different manifestations of fear affect temporal behaviour.
- Designed, implemented, and pre-processed an eye-tracking experiment on approach-avoidance in prolonged grief disorder (Python -Jupyter Notebooks, OpenSesame).

PUBLICATIONS

Differential Effects of Sustained and Acute Horror-Induced Fear on Temporal Reproduction

[Emotion and Cognition](#)

van der Mijl, R., Christodoulou, K., & van Rijn, H.

(under revision)

Prolonged grief symptoms and lingering attachment predict approach behavior toward the deceased

[Journal of Traumatic Stress](#)

Eisma, M., C., de Lang, T., Christodoulou, K., Schmitt, L., O., Boelen, P., A., de Jong, P., J.

(2025)

[Time perception in film viewing: A modulation of scene's duration estimates as a function of film editing](#)

[Acta Psychologica](#)

Liapi, L., Manoudi, E., Revelou, M., Christodoulou, K., Koutras, P., Maragos, P., & Vatakis, A.

(2024)