

Aytaç Karabay, Ph.D.

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EXPERIENCE

Research experience

Postdoctoral researcher , New York University, Abu Dhabi, UAE Supervisor: Dr. Daryl Fougne	2022–Present
Postdoctoral researcher , University of Groningen, Groningen, NL Project: <i>Hidden brain states underlying efficient representations in working memory</i> Supervisor: Prof. Elkan G. Akyürek	2019–2022
Research assistant , CUNY-Brooklyn College, New York, USA Supervisor: Dr. Daniel Kurylo	2014–2015

Editorial experience

Junior editor , Journal of Experimental Psychology: Human Perception and Performance Supervisor: Prof. Isabel Gauthier	2023–2024
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Teaching experience

Adjunct Assistant Professor (part-time) , Zayed University, Abu Dhabi, UAE			2024–Present
<u>Courses Taught</u>			
Introduction to Psychology	Lecturer	Zayed University	2024
Capstone Project	Supervisor	New York University AD	2022–2025
Introduction to Psychology	Teaching assistant	New York University AD	2023
Thinking	Teaching assistant	New York University AD	2023
Cognition and Attention	Guest lecturer	University of Groningen	2021; 2022
Masters Thesis	Supervisor	University of Groningen	2021; 2022
Bachelors Thesis	Supervisor	University of Groningen	2017–2022
Academic Skills	Lecturer	University of Groningen	2018–2019
Honors Research Practicum	Mentor	University of Groningen	2017–2018

EDUCATION

Ph.D., Cognitive Neuroscience , University of Groningen, Groningen, NL Dissertation: <i>From stimulus to representation: Target identification in rapid serial visual Presentation</i> Promotors: Prof. Elkan G. Akyürek & Prof. Monique M. Lorist	2020
M.A., Experimental Psychology , CUNY-Brooklyn College, New York, USA Dissertation: <i>Perceptual grouping by orientation coherence</i> Supervisor: Dr. Daniel D. Kurylo	2015
B.A., Psychology , Ankara University, Ankara, TR Dissertation: <i>Differences between voluntary and involuntary autobiographical memories</i> Supervisor: Prof. Nurhan Er	2011

SUPERVISED MASTER THESES

- Ruuskanen, V. *Investigating the functionality of visual impulses in decoding working memory using matching and non-matching impulse stimuli*. University of Groningen, the Netherlands. 2022
- Bapoğlu, O. A. *Pinging individual features of multi-feature objects: an EEG study*. University of Groningen, the Netherlands. 2021

RELEVANT SKILLS

Technical skills: JASP (*advanced*); SPSS (*advanced*); R (*advanced*); Matlab (*moderate/advanced*); Python (*moderate/advanced*); OpenSesame (*advanced*); E-prime (*advanced*); MS Office (*advanced*); Memory modeling; EEG; Multivariate Pattern Analysis; GitHub; Classification; WordPress

Language skills: Turkish (*native*); English (*professional*); Dutch (*beginner*)

GRANTS & FELLOWSHIPS

YLSY Fellowship from Ministry of National Education, Turkey. Complete coverage of tuition, stipend, and partial coverage of research costs for masters and Ph.D. degrees (**200.000\$**). 2011–2019

AWARDS

Open research award for the study ‘Concealed familiar face detection with pupillometry in rapid serial visual presentation’, by Open Science Programme, University of Groningen, Groningen, the Netherlands. 2022

Best poster presentation award in Searching for the Working Memory Engram workshop with the presentation ‘A visual impulse reveals memoranda embedded in functional connectivity: Evidence for activity-silent WM states’, Groningen, the Netherlands. 2022

ORGANIZED WORKSHOP & SEMINARS

Searching for the Working Memory Engram, University of Groningen, the Netherlands. 05/2022
Organized an international hybrid workshop with prof. Elkan G. Akyürek.

Introduction to Python/OpenSesame, Leibniz Institute for Psychology, Germany. 08/2020
Worked as a tutor for the workshop by dr. Sebastiaan Mathôt. Topics: Introduction to Python/Numerical Python, Introduction to OpenSesame, Advanced numerical Python, Building online experiment, Collecting data, Analyzing with Python.

Mindwise Science Communication Workshop, University of Groningen, the Netherlands. 2019; 2020
Organized a workshop with Mindwise Science Communication PhD Committee.

ORGANIZATIONAL EXPERIENCE

Ph.d. and postdoc representative, Department of Experimental Psychology, University of Groningen, the Netherlands. 2021–2022

Mind-wise science communication Ph.D. committee member, University of Groningen, the Netherlands. 2018–2021

Psychology Ph.D. council member, University of Groningen, the Netherlands. 2016–2019

SELECTED CERTIFICATES

Teaching and mentoring in academic learning communities, Teaching Unit Psychology of University of Groningen, Groningen, the Netherlands. 2018

Multivariate pattern analyses (MVPA) in EEG/MEG, Experimenteel-Psychologische Onderzoekschool, Amsterdam, the Netherlands. 2018

Autumn school: Attention, Experimenteel-Psychologische Onderzoekschool, Amsterdam, the 2018 Netherlands.