Curriculum Vitae

Narjes Bahreini
Date of Birth: 02/12/1991
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Research Interest:

- Neuropsychoanalysis
- Neurodevelopment
- Neuroscience of Attachment
- Embodied Cognition

Education:

- I am a PhD student at Tübingen University, Diagnostic and Cognitive Neuropsychology group. Tübingen, Germany. (2021- present)
- Master: General Psychology, University of Tehran, Tehran, Iran, GPA: 18.61 /20
- Bachelor: Figh and Islamic law, Ferdowsi University, Mashhad, Iran, GPA: 17.96/20

Thesis:

- Master Thesis "Modulation of right dorsolateral prefrontal cortex in event-based prospective memory: An rTMS study."
- Supervisor: Prof. Reza Rostami   University of Tehran, Tehran, Iran. 19.50 / 20

Publications:

- Bahreini, N., Artemenko, C., Plewnia, C., & Nuerk, H. C. (2023). Does the brain care about magnitudes? A tDCS study on functional lateralization of magnitude processing.

- Zabihi, A., Bahreini, N., Rostami, R. A (2017). Review of the Role of Oxytocin in formation of Infant-mother Attachment. Iranian Journal of Applied Psychology Research.

- Zabihi, A., Bahreini, N., Hosseinzadeh, B. F. (2017) Comparing Cognitive Emotion Regulation Strategies between Boys with Learning Disorder and Normal Boys. Iranian Journal of Psychological Science.

- Zabihi, A., Bahreini, N., Askari, M, Rostami, R. An Investigation of the Learning Probability Distributions Mechanism in Infants Using an Eye-tracker technology. (poster in world congress psychiatry and psychological syndromes. 2018)

- Bahreini, N. Rostami, R. Hatami, J. Kazemi, R. Modulation of right dorsolateral prefrontal cortex in event-based prospective memory: An rTMS study. (poster in the 6th Basic and Clinical Neuroscience Congress, 2017)

Honors/Awards/Achievements:

- Rank 5 in Iranian national PhD entrance exam, cognitive science.
- Rank 21 in Iranian national master's entrance exam, psychology.
- Rank 201 in Iranian national bachelor's entrance exam, Humanistic.
- Certificate for the training course titled "12 hours EEGlab"
- Certificate for the training course titled "Clinical and experimental application of TMS-EEG". January 2020.
- Workshop titled "Proposal Writing" by Dr. Judith Vay and Dr. Alexander Egeling. at Humboldt University of Berlin. October 2019
- Scholarship of Humboldt University of Berlin to develop a study on embodied cognition: "Number perception's induction from brain into brain.". October-December 2019
- Certificate for the Workshop titled "Clinical application of EEG/ERP and designing treatment protocols." Dr. Andreas Mueller. November 2018
- Certificate for the Workshop titled "Brain stimulation methods: tES, tDCS, tACS, tRNS
- Application in clinical, research and cognitive studies. Prof. Michael Nitsche, June 2018
- Certificate for the Workshop titled "Transcranial stimulation and neuronal oscillations" within the training program of the University Medical Center Göttingen,

and the German Neuroscience Society, Germany, By Prof. Walter Paulus and Prof. Michael Nitsche, February 2018.

- Certificate for Workshop titled "QEEG biomarkers of ADHD". Dr. Andreas Mueller, 2017.
- Certificate for the course titled "QEEG & ERP Intro". Dr. Juri Kropotov, 2017.
- Certificate for the Workshop titled "Transcranial Direct Current Stimulation (tDCS)". Dr. Kerstin Mayer, November 2016.

Research Experiences:

- Currently, working on "Functional lateralization of number processing." As my doctoral thesis (2021-present).
- Nnumber processing in different languages and cultures: Germany- Turkey– Iran (2023).
- Relation-specific social understanding in borderline personality disorder: An EMG-TMS study (2021-2022)
- Mental number representations - ordinal position or magnitude. Funded by the Deutsche Forschungsgemeinschaft (2021).
- Clinically optimized tDCS protocol for MDD patients, comparing tDCS and rTMS. A collaboration between ifADo institute (Durtmond, Germany) and Atieh clinic (Tehran, Iran) (2019).
- Joining the PeCog laboratory at Potsdam University, where I conducted the pilot study on "Number's preference induction from brain into brain", supervised by Pro. Martin Fischer (2019).
- Researcher for BrainARC- GmbH (Zurich, Switzerland) in a project related to ADHD neurological subtyping (2019).
- Collecting EEG data from adults and children at BrainARC - Chur GmbH (Assessment Research Center) in Chur, Switzerland. Under supervision of Dr, Andreas Mueller (2019).
- A TMS-EMG study on IBS patients (2018).
- Eelectrophysiological and behavioral prospective memory differences between experimental and control groups, using QEEG and rTM (2017- 2018).
- Caring out a project on the Investigation of the Learning Probability in Infants Using an Eye-tracker technology. We classified children between 18 – 22 months to different attachment styles and then comprised the learning probability between groups (2017).

Teaching Experiences:

- Teacher assistant in Neuropsychology class , Tehran university and Allame Tabatabaee university (Winter 2017).
- Seminar attachment and personality (Winter 2023/24)
- Seminar attachment and personality (Winter 2022/23)
- Seminar attachment and personality (Winter 2022/23)
- Seminar Brain stimulation and cognitive function (Summer 2022)
- Practical Seminar experimental psychology 2 (Winter 2021/22)
- Practical Seminar Psychophysiological methods (Winter 2021/22)
- Practical Seminar Psychophysiological methods (Winter 2021/22)
- Practical Seminar experimental psychology 1 (Summer 2021)

References:

Prof. Dr. Hans-Christoph Neurk
> Head of Unit Diagnostic and Cognitive Neuropsychology, University of Tuebingen
> Email: hc.nuerk@uni-tuebingen.de

Prof. Dr. Michael Nitsche
> Scientific Director Dept. Psychology and Neurosciences Leibniz Research Centre for Working Environment and Human Factors. Email: nitsche@ifado.de

Prof. Dr. Reza Rostami
> Department of Psychology and Education, University of Tehran, Tehran, Iran.
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Dr. Andreas Muller
> President of HBimed. Chur, Switzerland. Email: Andrea-muller@hin.ch