

## Curriculum Vitae

Name and Surname: ZEYNEP KÜÇÜK

Academic Title: Doctor (PhD)

Email: zeynep.kucuk@isikun.edu.tr

Languages Known (Score and Year): English (2022/YÖKDİL: 88)

Specialization Area: Neuroscience

Degree	Department	University	Year
Lisans	Psikoloji	İstanbul Ticaret Üniversitesi	2009
Y. Lisans	Sinirbilim	İstanbul Üniversitesi	2014
Doktora	Fizyoloji	İstanbul Üniversitesi	2021

Master's Thesis Title and Advisor: "Investigation of the Effect of Anodal Stimulation of the Dorsolateral Prefrontal Cortex at Different Frequencies on Working Memory," Istanbul University, Neuroscience, Master's Thesis, supervised by Prof. Dr. Sacit Karamürsel.

Doctoral Thesis Title and Advisors: "Investigation of the Effect of Transcranial Direct Current Stimulation on Resting State Network Connectivity in Cases with Mesial Temporal Lobe Epilepsy," Istanbul University, Department of Physiology, Physiology Program, Doctoral Thesis, supervised by Prof. Dr. Tamer Demiralp and Prof. Dr. Sacit Karamürsel.

Görev Unvanı	Görev Yeri	Yıl
Doktor Öğretim Üyesi	Işık Üniversitesi- İktisadi, İdari ve Sosyal Bilimler Fakültesi	22.07.2024-

### Supervised Master's Theses:

“Madde kullanımı nedeniyle yatılı tedavi gören hastalarda tedavi motivasyonunun ve dürtüsellik düzeyinin yatış süresi üzerine etkisi” Soner Yalçın (Clinical psychology master's thesis)

“Çevrimiçi ve yüz yüze terapide danışanların terapötik ittifak algıları ve terapi motivasyonları arasındaki ilişkinin değerlendirilmesi” İlker Önder (Clinical psychology master's thesis)

“Parkinson hastalarında Subtalamik Nukleusa derin beyin stimülasyonu cerrahisinin yaşam kalitesi, depresyon ve bilişsel performansa etkisinin değerlendirilmesi” Nur Bahar Geylan (Clinical psychology master's thesis)

“Duygusal şiddetin reddedilme duyarlılığı üzerindeki etkisinde kişilerarası duygu düzenlemenin aracı rolü” Kübra Şakrak (Clinical psychology master's thesis)

“Madde bağımlılığı ile dürtüsellik arasındaki ilişkide duygu düzenleme güçlüğü ve sıkıntıya dayanmanın aracı rolünün incelenmesi” Uğur Yıldız (Clinical psychology master's thesis)

“Zihin kuramı işlevselliği ile borderline kişilik özellikleri arasındaki ilişkide engellenme tahammülsüzlüğünün aracı rolünün incelenmesi” Şeyda Yazıcı (Clinical psychology master's thesis)

“Pilotlarda bilinçli farkındalık düzeyi ile algılanan stres düzeyi arasındaki ilişkide yaşam doyumunun aracı rolü” Kübra Özer (Clinical psychology master's thesis)

### Projects

- "The Effect of Transcranial Electrical Stimulation on Sensory and Pain Threshold," Istanbul Medical Faculty, Department of Physiology, Laboratory of Substance-Intelligence Interactions, project no 113S302 Tübitak 1001 project, November 2013-May 2015, role: Scholarship holder

- "The Effect of Transcranial Direct Current Stimulation (tDCS) on Seizure Frequency and Duration in Patients with Resistant Focal and Generalized Epilepsy," 2011-2014, Istanbul Medical Faculty, Department of Neurology and Physiology: Research Assistant

### Administrative Duties:

- Head of the Department of Psychology (English), 07.08.2022 - 02.06.2024

**Memberships in Scientific Organizations:** Brain Research Association

**Awards:** Best Oral Presentation Award, 12th National Neuroscience Congress, Bahçeşehir University, 28-31 May, Istanbul, 2014.

### List of courses

Year	Semester	Title	Hours		Number of students
			T	A	
2022-2023	Fall	Öğrenme Psikolojisi	3	0	119
		Sensation and Perception	3	0	66
		Nöropsikolojinin Temelleri (YL)	3	0	11
		Duyum ve Algı	3	0	123
	Spring	Deneysel Psikoloji	3	0	22
		Nöropsikoloji	3	0	6
		Behavioral Neurophysiology	3	0	84
	Cognitive Psychology	3	0	58	
2034-2024	Fall	Duyum ve Algı	3	0	146
		Sensation and Perception	3	0	61
		Neuropsychology	3	0	6
		Field Study	0	14	25
	Spring	Cognitive Psychology	3	0	65
		Deneysel Psikoloji	2	2	120
		Experimental Approach in Psychology	2	2	6
		Behavioral Neurophysiology	3	0	78

### Articles Published in International Peer-Reviewed Journals:

- The mediating role of life satisfaction in the relationship between mindfulness level and perceived stress level in pilots. Oğur. K. , Kucuk, Z., Human Factors in Aviation and Aerospace. (In press)

- Tekturk, P., Erdogan, E. T., Kurt, A., Kocagoncu, E., Kucuk, Z., Kınay, D., (2016). Transcranial direct current stimulation improves seizure control in patients with Rasmussen encephalitis. Epileptic Disorders, Vol.18, No.1, 58-66. 10.3389/fnins.2022.909421

- Pınar Tekturk, Ezgi Tuna Erdogan, Adnan Kurt, Ebru Nur Vanli-Yavuz, Esm  Ekizoglu, Ece Kocagoncu, Zeynep Kucuk, Serkan Aksu, Nerses Bebek, Zuhul Yapici, Candan Gurses, Aysen Gokyigit, Betul Baykan, Sacit Karamursel (2016). The Effect of transcranial direct current stimulation on seizure frequency of patients with mesial temporal lobe epilepsy with hippocampal sclerosis. *Clinical Neurology and Neurosurgery*. 10.1016/j.clineuro.2016.07.014

- Erdođan, E. T., K c k, Z., Eskikurt, G., Kurt, A., Ermutlu, N. & Karam rsel, S. (2022). Single session anodal transcranial direct current stimulation on different cortical areas: Effects on pain modulation in healthy subjects. *Journal of Psychophysiology*.  
<https://doi.org/10.1027/0269-8803/a000311>

### **Papers Presented at International Scientific Meetings and Published in Proceedings:**

- Zeynep K c k,  ıđdem Ulađođlu Yıldız, Elif Kurt, Kardelen Ery rek, Erdi Őahin, Nerses Bebek, Bet l Baykan, Tamer Demiralp, Sacit Karam rsel. "Effects of transcranial direct current stimulation (tDCS) on resting state connectivity in mesial temporal lobe epilepsy associated with hippocampal sclerosis," 3rd International Brain Stimulation Conference, Vancouver Convention Centre, Canada, February 24-27, *Brain Stimulation* (March–April, 2019) Volume 12, Issue 2, Page 415 - Poster

- Bernis Sutcubasi Kaya, Zeynep Kucuk, Zeynep Tarman, Baris Metin, Elcin Z. Metin, Berna A. Sari (2017). Influence of tDCS on Emotional Information Processing. "3rd International Brain Stimulation Conference", Vancouver Convention Centre, Canada, February 24-27, *Brain Stimulation* 12 (2019) - 358-592 - Poster

- 2nd International Brain Stimulation Conference "Transcranial Electrical Stimulation Effects on the Sensory and Pain Threshold" E.Tuna-Erdogan, A.Kurt, Z.K c k, G.Eskikurt, M.N.Ermutlu, S.Karam rsel, 2-4 March 2015 - Singapore - Poster

- P. Tekturk, ET Erdogan, A. Kurt, Z. Kucuk, S Aksu, S Karamursel, Z. Yapici, B. Baykan "Transcranial direct current stimulation for seizure control in patients with Lennox-Gastaut syndrome" Joint Congress of European Neurology, May 31-June 3, *European Journal of Neurology* 21 (Suppl.1), 104-387, EP2229, Istanbul, Turkey, 201

### **Papers Presented at National Scientific Meetings and Published in Proceedings:**

Zeynep K c k, Kardelen Ery rek, Ali Bayram, G rkem Őirin, Bet l Baykan, Sacit Karam rsel, Tamer Demiralp. "Sol meziyal temporal lob epilepsili olgularda transkranyal dođru akım uyarımının dinlenme durumu ađ bađlantısallıđına etkisi", 20th National Neuroscience Congress, October 19-23, 2022, Istanbul.

 zlem  ge Dađd gen, G k er Eskikurt, Zeynep K c k,  ıđdem Ulađođlu-Yıldız, Adnan Kurt, Sacit Karam rsel. "Kekemelikte el ve ayak hareketlerinin konuŐma motor planlamasına etkisinin negatif bađlı deđiŐken ile belirlenmesi", 20th National Neuroscience Congress, October 19-23, 2022, Istanbul.

Zeynep K c k, Ezgi Tuna Erdođan, Adnan Kurt, Sacit Karam rsel. "Transkraniyel mod le akım ve sabit akım uyarımının  alıŐma belleđi üzerine etkisinin incelenmesi" 12th National Neuroscience Congress, Bah eŐehir University, May 28-31, Istanbul, Best Oral Presentation Award, 2014.

G k er Eskikurt, Zeynep K c k, Ezgi Tuna Erdođan, Adnan Kurt, Sacit Karam rsel. "Dikkat Eksikliđi Hiperaktivite Bozukluđu olan  ocuklara uygulanan neurofeedback protokol

karşılaştırması" 12th National Neuroscience Congress, Bahçeşehir University, May 28-31, Istanbul, 2014 - Poster.

Pınar Tektürk, Ezgi Tuna Erdoğan, Zeynep Küçük, Adnan Kurt, Sacit Karamürsel, Betül Baykan. "Dirençli Fokal ve Jeneralize Epilepsili Hastalarda Transkraniyal Direk Akım Stimülasyonunun Nöbet Sıklığı ve Süresi Üzerine Etkisi" 29th National Clinical Neurophysiology EEG-EMG Congress, April 3-7, Antalya, 2013 - Poster.