

CURRICULUM VITAE

- 1. Name Surname** : Can Soylu
- 2. Date of Birth** : 12.08.1981
- 3.** Administrative and Social Sciences, Department of Psychology (Academic assistant).

Degree	Department	University	Date
BA	Physics	Istanbul University	2009
MSc	Neuroscience	Istanbul University (Aziz Sancar Institute of Experimental Medicine)	2014
PhD	Physiology	Istanbul University (Istanbul Medicine Faculty)	2023 (October)

- 4. Title of Master Thesis:** The effect of feeling-of-knowing on event-related brain potentials measured under episodic memory task

Title of PhD Thesis: Processing of Multimodal Neuroimaging Data Using Machine Learning Algorithms to Support the Diagnosis of Neuropsychiatric Diseases

5. Academic Appointments

- Coordinator of Brain and Cognition Research Laboratory at Bahcesehir University
Department of Psychology November 2014-
- Tubitak Scholar at Brain and Cognition Research Laboratory at Bahcesehir University
Department of Psychology November 2012- November 2014

6. Publications

6.1. Articles published in internationally refereed journals (SCI, SSCI, Arts and Humanities)

Irak, M., **Soylu, C.**, & Yavuz, M. (2023). Comparing event-related potentials of retrospective and prospective metacognitive judgments during episodic and semantic memory. *Scientific Reports*, 13(1), 1949.

Hüden, N., **Soylu, C.**, Irak, M., Adanalı, P. & Akin, A. (submitted). Functional connectivity of resting state as a biomarker for working memory performance. *Biomedical Signal Processing and Control*.

Irak, M. & **Soylu C.** (2021). Effects of excessive video game playing on event-related brain potentials during working memory. *Current Psychology*.

<https://doi.org/10.1007/s12144-021-01573-2>

- Irak, M., **Soylu C.** & Tümen, C. (2021). Effects of excessive violent video game playing on verbal memory: An Event-Related Brain Potentials Study. *Cognitive Processing*. <https://doi.org/10.1007/s10339-021-01018-5>
- Irak, M., **Soylu, C.** & Turan, G. (2020). Comparing electrophysiological correlates of judgment of learning and feeling of knowing during face-name recognition. *Cognitive Neuropsychology*, doi: 10.1080/02643294.2019.1707650.
- Irak, M., **Soylu, C.** & Güler, B. (2020). Investigating role of attachment orientation during emotional face recognition: An event-related potential study. *Biological Psychology*, 156, 107965. <https://doi.org/10.1016/j.biopsycho.2020.107953>.
- Irak, M., **Soylu, C.** & Çapan, D. (2019). Neurobiological basis of feeling of knowing in episodic memory. *Cognitive Neurodynamics*, 13, 239-256. doi:10.1007/s11571-019-09520-5
- Irak, M., Çapan, D., & **Soylu, C.** (2015). Age related changes in metacognitive processes. *Turkish Journal of Psychology*, 30(75), 64-75.
- Irak, M., **Soylu, C.** & Çapan, D. (2014). Relationships between Wisconsin Card Sorting Test and event-related brain potentials. *Turkish Journal of Psychology*, 29(74), 95-104.

6.2. Assertions presented in international scientific congresses and published in the proceedings

- Irak, M., **Soylu, C.**, Turan, G., Yavuz, M., Yılmaz, G. & Güler, B. (2018). Reduction of P300 Amplitude during Working Memory Task in Violent Video Game Addiction: An ERP Study. International Congress of Applied Psychology (ICAP), 26-30 June, 2018, Montreal, Canada.
- Şen, Y.O., Yavuz, M. **Soylu, C.** & Irak, M. (2018). Does Feeling of Knowing Task Affect Accuracy? International Congress of Applied Psychology (ICAP), 26-30 June, 2018, Montreal, Canada.
- Irak, M., **Soylu, C.**, & Çapan, D. (2016). *Playing violent video games and its relations with working memory: An event-related brain potential study*. 3rd European Society for Cognitive and Affective Neuroscience, June 23-26, 2016, Porto, Portuguese.
- Soylu, C.**, Çapan, D., & Irak, M., (2016). *Neurobiological basis of emotional memory retrieval in violent game addiction*. 3rd European Society for Cognitive and Affective Neuroscience, June 23-26, 2016, Porto, Portuguese.
- Çapan, D. **Soylu, C.**, & Irak, M. (2016). *Effects of excessive violent game playing on recognition: an event related brain potential study*. 3rd European Society for Cognitive and Affective Neuroscience, June 23-26, 2016, Porto, Portuguese.

- Irak, M., **Soylu, C.**, Çapan, D., & Aydınoğlu, B.A. (2015). *Neurobiological differences between anxious and avoidant attachment styles on implicit memory*. 120th Annual American Psychological Association Congress, 6-9 August, 2015 Toronto, Canada.
- Neşe, H., **Soylu, C.**, Irak, M., Adanalı, P. & Akın, A. (2016). *Functional Connectivity of Resting State as a Biomarker for Working Memory Performance*. *Front. Neuroinform. Conference Abstract: Neuroinformatics 2016*. Reading, UK, September 3-4 doi: 10.3389/conf.fninf.2016.20.00061
- Irak, M., **Soylu, C.**, & Özgör, C.(2014). *Investigation of neural basis of face-name association: An event-related potential study*. The Organization of Human Brain Mapping, June 5-7, 2014, Hamburg, Germany.
- Aydınoğlu, B.A., **Soylu, C.**, & Irak, M., & (2014). *Attachment Style on Attention: Electrophysiological Evidence*. The Organization of Human Brain Mapping, June 8-12, 2014, Hamburg, Germany.
- Irak, M., Çapan, D., **Soylu, C.**, & Özgör, C. (2014). Investigation of neural basis of face name association: An event-related potential study. 1st Joint Turkish-German Symposium on Human Neuroscience, June 5-7, Berlin, Germany.
- Irak, M., Özel, Ö. **Soylu, C.**, & Özgör, C. (2014). Electrophysiological evidence for feeling of knowing in semantic memory. 1st Joint Turkish-German Symposium on Human Neuroscience, June 5-7, Berlin, Germany.
- Irak, M., **Soylu, C.**, & Özgör, C. (2014). Electrophysiological correlates of correct and incorrect recognition in episodic memory. 1st Joint Turkish-German Symposium on Human Neuroscience, June 5-7, Berlin, Germany.
- Irak, M., **Soylu, C.**, & Özgör, C. (2014). Electrophysiological correlates of correct and incorrect recognition in episodic memory. 2ndEuropean Society for Cognitive and Affective Neuroscience, May 7-9, 2014, Dortmund, Germany.
- Irak, M., **Soylu, C.**, Özgör, C. (2014). Electrophysiological evidence for feeling-of-knowing in semantic memory. 2ndEuropean Society for Cognitive and Affective Neuroscience, May 7-9, 2014, Dortmund, Germany.
- Irak, M., Özgör, C., **Soylu, C.** (2014). Investigation of metacognition in episodic memory: An event-related brain potential study. 2ndEuropean Society for Cognitive and Affective Neuroscience, May 7-9, 2014, Dortmund, Germany.
- Aydınoğlu, B.A., & **Soylu, C.** & Irak, M., (2014). Comparison between anxious and avoidant

attachment style on attention: An event related potential study. 2nd European Society for Cognitive and Affective Neuroscience, May 7-9, Dortmund, Germany.

Irak, M., **Soylu, C.**, Özgör, C. (2014). Investigation of neural basis of face-name association: An event-related potential study. 2nd European Society for Cognitive and Affective Neuroscience, May 7-9, 2014, Dortmund, Germany.

Özgör, C., **Soylu, C.**, & Irak, M. (2013, June). *Effect of correct and incorrect responses during Wisconsin Card Sorting Test on event-related brain potentials*. European Conference on Social and Behavioral Sciences, June 19-21, 2013 Marmara University Istanbul. International Association of Social Sciences Research.

6.3. International books published, or chapters from a book

Irak, M., **Soylu, C.**, Sakman, Ö.K. & Turan, G. (2020). *ERP Correlates of working memory load in excessive video game players*. B.Bostan (Ed). In: Game User Experience and Player-Centered Design (pp. 1-23). Springer. ISBN: 978-3-030-37642-0

Irak, M., **Soylu, C.**, Tümen, C. & Turan, G. (2020). *Investigation of response inhibition in excessive video game playing: An Event-related potential study* B.Bostan (Ed). In: Game User Experience and Player-Centered Design (pp. 44-65). Springer. ISBN: 978-3-030-37642-0

Irak, M., **Soylu, C.**, & Çapan, D. (2016). *Violent video games and cognitive processes: A neuropsychological approach*. B.Bostan (Ed). Gamer Psychology and Behavior. London, UK: Springer. ISBN: 978331929904-4 (e-book) / 978-3-319-29903-7

6.4. Articles published in national refereed journals

Irak, M., **Soylu, C.** & Çapan, D. (2016). Bilişsel ve nörobiyolojik yönleriyle yetişkin Bağlanması. M.Irak (Ed.). Davranış bozuklukları ve biliş. İstanbul: Bahçeşehir Üniversitesi Yayınları. (s.223-240). (ISBN: 9786055461911)

Irak, M., Çapan, D. & **Soylu, C.** (2016). Oyun bağımlılığı ve bilişsel süreçler. M.Irak (Ed.). Davranış bozuklukları ve biliş. İstanbul: Bahçeşehir Üniversitesi Yayınları. (s.451-470). (ISBN: 9786055461911)

6.5. Assertions presented in national scientific congresses and published in the proceedings.

Irak, M., Özgör, C., **Soylu, C.**, Şenyar, S., Uslu, E. (2014). *Anlamsal bellek görevi altında elde edilen bilme hissi kararlarının olay ilişkili beyin potansiyellerine etkisi*. 18. Ulusal Psikoloji Kongresi, 9-12 Nisan, Uludağ Üniversitesi & Türk Psikologlar Derneği, Bursa.

Irak, M, Özgör, C., **Soylu, C.**, Çapan, D. Şenyer, S., Uslu, N., E.(2014). *Yüz ve isim tanımanın nörobiyolojik temelleri: Olay ilişkili beyin potansiyelleri ve kaynak belirleme analizi sonuçları*. 12. Ulusal Sinirbilim Kongresi , İstanbul Üniversitesi İstanbul Tıp Fakültesi Dergisi, 77.1.

Irak, M, Özgör, C., **Soylu, C.**, Çapan, D. Şenyer, S., Uslu, N., E.(2014). *Anlamsal bellek görevi sırasındaki üst-biliş karaları:Olay ilişkili beyin potansiyelleri bulguları*. 12. Ulusal Sinirbilim Kongresi, İstanbul Üniversitesi İstanbul Tıp Fakültesi Dergisi, 77.1.

7. Projects

“Üst-bilişin nörobiyolojik temelleri: İzleme ve kontrol süreçlerinin zamansal önceliğinin olay-ilişkili beyin potansiyelleri yoluyla incelenmesi, dikkat ve algısal süreçlerle ilişkisi”. TÜBİTAK 1001, Scholar, 2012-2014.

8. Administrative Services

Coordinator, Bahçeşehir University Brain and Cognition Research Laboratory, 2014 –

9. Professional Affiliations

- Beyin Araştırmaları Derneği
- Türk Fizyolojik Bilimler Derneği

10. Please fill out the chart below for undergraduate and graduate courses you have given in the last 2 years.

Academic Year	Semester	Course	Weekly Course Hours		Number of Students
			Theoretical	Practical	
2015-2016	Spring	Physiology (at IU Istanbul Medicine Faculty)		3	32
2019-2020	Spring	Biopsychology II (at Istanbul 29 Mayıs University)	3		48
2021-2022	Spring	Biopsychology II (at Istanbul 29 Mayıs University)	3		52
2022-2023	Fall	Psychology of Learning (at Bahçeşehir University)	3		170
2023-2024	Fall	Psychology of Learning (at Bahçeşehir University)	3		177