



Hakan Çetinkaya, Ph. D.

Professor of Behavioral Neuroscience

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The significant effort here is to explore the mechanisms underlying behavior and mind and try to shed light on their evolutionary bases. I find it quite exciting to witness the tremendous implications of the number-space relation in the adventure of discovering how our minds work. Also, it is gratifying to study the effects of neurobiological agents and their adaptive significance—topics often overlooked by grand theories in mainstream psychology—and to offer alternative perspectives on them.

Academic Appointments

Professor	Yaşar University <i>Department of Psychology</i>	2021 -
Professor	Ankara University <i>Department of Psychology</i>	2016 - 2021
Professor	İzmir University of Economics <i>Department of Psychology</i>	2013 - 2016
Visiting Researcher	Ruhr University, Bochum, Germany <i>Department of Psychology</i>	2013 - 2014
Associate Professor	İzmir University of Economics <i>Department of Psychology</i>	2008 - 2013
Assistant Professor	İzmir University of Economics <i>Department of Psychology</i>	2007 - 2008
Assistant Professor	Muğla University <i>Department of Psychology</i>	2002 - 2007
Research & Teaching Assistant	The University of Texas at Austin <i>Department of Psychology</i>	1995 - 1999
Research Assistant	Hacettepe University <i>Department of Psychology</i>	1991 - 1993
Research Assistant	Ankara University <i>Institute of Forensic Sciences</i>	1988 - 1991

Administrative Positions

Dean	Faculty of Human and Social Sciences <i>Yaşar University</i>	2023 -
Senate Member	Senate of the University <i>Yaşar University</i>	2022 -
Member	Measurement and Evaluation Commission <i>Yaşar University</i>	2024-
Board member	<i>The Board of Mobbing Investigation and Prevention</i> <i>Ankara University</i>	2017 - 2021
Area Head	<i>Experimental Psychology Program</i> <i>Ankara University</i>	2019 - 2021
Chairperson	Department of Psychology <i>İzmir University of Economics</i>	2008 - 2016
Senate Member	Senate of the University <i>İzmir University of Economics</i>	2008 - 2016
Acting Board Member	Faculty of Sciences <i>İzmir University of Economics</i>	2014 - 2016
Board Member	The Accreditation Executive Board <i>Turkish Psychological Association</i>	2013 - 2016
Program Coordinator	SUNNY Dual Diploma Program <i>İzmir University of Economics</i>	2010 -2016
Program Coordinator	Erasmus Program <i>İzmir University of Economics</i>	2009 -2016
Program Coordinator	Graduate Programs in Experimental Psychology <i>İzmir University of Economics</i>	2008 -2016
Chairperson	Department of Psychology <i>Muğla University</i>	2000 - 2007

Education and Training

Ph.D. (Behavioral Neuroscience)	The University of Texas at Austin <i>Advisor: Professor Michael P. Domjan</i>	1994 - 1999
M.A. (Experimental Psychology)	The University of Texas at Arlington <i>Advisor: Professor Lehrer J. Kopp</i>	1991 - 1993
M.A. (Experimental Psychology)	Hacettepe University <i>Advisor: Professor Orhan Aydın</i>	1991 - 1993
M.A. (Forensic Psychology)	Ankara University <i>Advisor: Professor Yıldız Kuzgun</i>	1988 - 1991
B.Sc. (Psychology)	Hacettepe University	1983 - 1987

Awards and Honors

Erasmus Visiting Researcher Grant, (Ruhr University, Bochum, Germany)	<i>İzmir University of Economics</i>	2013
Scientific Authored Book Award (TESEP)	<i>Turkish Academy of Sciences</i>	2008
Outstanding Researcher Award	<i>Muğla University</i>	2003
Outstanding Teaching Assistant Award	<i>The University of Texas at Austin</i>	1999
Best Graduate Student Presentation Award	<i>Animal Behavior Society Annual Convention Albuquerque, New Mexico</i>	1998
Outstanding Teaching Assistant Award	<i>The University of Texas at Austin</i>	1998
Texas Visual Arts Competition (Third Place in Photography)	<i>The University of Texas at Arlington</i>	1994
Study Abroad Scholarship (1993 - 1999)	<i>Turkish Higher Education Council</i>	1993
Photography Exhibition (Mention in Photography)	<i>Turkish Ministry of Culture</i>	1992

Funding / Research Support (Principal Investigator or Co-Investigator)

Texas Global: Global Classroom Project (Funded by The University of Texas at Austin) (Bilateral International) <i>Title: The Essentials of Conditioning and Behavior</i> <i>Role: Co-instructor</i> <i>PI Instructor: Michael Domjan</i>	2019 -
İzmir University of Economics Scientific Research Project Grant (BAP2019-15) <i>Title: An Investigation of Space-Size Association in the Context of Long-Term Memory Representations</i> <i>Role: Co-investigator</i> <i>PI: Seda Dural</i> <i>Research Assistants: Merve Bulut, Ilgım Hepdarcan, Ezgi Palaz</i>	2020 - 2022
The Scientific and Technological Research Council of Türkiye (111K258) (3501-Career Development Program) <i>Title: The Investigation of Effects of Stimulus Modality on the Non-Invasive Prevention of the Return of Fear Memory</i> <i>Role: Consultant</i> <i>PI: Seda Dural</i>	2011 - 2013
The Scientific and Technological Research Council of Türkiye (111K233) (1001-The Scientific and Technological Research Projects Funding Program)	2011 - 2013

Title: Investigation of Personality Traits in Acquisition and Extinction of Trauma Expectation by Using Conditioned Stimuli of Different Modalities in an Instructed Fear Paradigm

Role: PI

The Scientific and Technological Research Council of Türkiye (114K213)
(3501-Career Development Program)

2014 - 2016

Title: Exploring the Design Criteria of Low-Cost Motor Learning Game Systems

Role: Co-researcher

PI: Gazihan Alankuş

İzmir University of Economics Scientific Research Project Grant (BAP-A1003004)

2010 - 2013

Title: Investigation of Cognitive Mechanisms Blocking Fear Memory through Memory Update.

Role: PI

Co-PI: Seda Dural

Research Assistants: Buket Kara, Ayşegül Aydınlık

Muğla University Scientific Research Project Grant (BAP-7000AR05039060)

2002 - 2004

Title: Development of a Versatile and Cost-Effective Eye-Tracking System.

Role: PI

Research Assistants: Seda Dural, Evrim Öztop, Gülbetekin

The University of Texas at Austin Research Grant

1996 - 1999

*Title: Circadian Rhythm of Sexual Behavior in Male Japanese Quail (*Coturnix coturnix japonica*).*

Role: PI

Ankara University, Institute of Forensic Sciences Research Grant

1991 - 1992

Title: The Effects of Video Games on Children's Aggressive Behavior.

Role: PI

Thesis & Dissertations Supervised

Dönmez, H. (2024 – continues). *Detection of users' affective responses and stress levels with deep learning by using physiological traits*. Master's Thesis, Graduate School, Yaşar University.

Cinoğlu, Ö. (2023 – continues). *An examination of the role of language on color perception in a visual search task: The visual half-field effect*. Master's Thesis, Graduate School, Yaşar University.

Taşpınar, G. (2023 – continues). *Deep learning-based automatic diagnosis of ADHD using fMRI*. Ph.D. Dissertation, Graduate school, Yaşar University.

Göker, D. (2022 – 2024). *An investigation of the SNARC phenomenon: Magnitude comparison and parity judgment processes*. Master's Thesis, Graduate School, Yaşar University.

Gündüz, T. (2019 – 2022). *Investigation of organizational and activational effects of oxytocin hormone in the context of some social psychological variables*. Ph.D. Dissertation, Institute of Social Sciences, Ankara University.

Boğa, M. (2017 – 2022). *Biophilic dimensions in product design and their relationship with user preferences*. Ph.D. Dissertation, Institute of Sciences, Industrial Designing Program, İstanbul Technical University.

- Palaz, E. (2016). *Blocking effect on observational learning of fear*. Master's Thesis, Graduate School of Social Sciences, Program at Experimental Psychology, Izmir University of Economics.
- Duyan, A. Y. (2013). *The effects of information load of words on working memory capacity*. Master's Thesis, Graduate School of Social Sciences, Program at Experimental Psychology, Izmir University of Economics.
- Kara, B. (2013). *An investigation of hemispheric lateralization during visual search for emotional faces*. Master's Thesis, Graduate School of Social Sciences, Program at Experimental Psychology, Izmir University of Economics.
- Dural, S. (2005). *Adaptive significance of waist-to-hip ratio in assessments of the physical attractiveness of women*. Master's Thesis, Graduate School of Social Sciences, Program at General Psychology, Muğla University.
- Gülbetekin, E. (2005). *Effect of hemispheric specialization and plasticity on visuospatial labyrinth performance of Japanese quail (*Coturnix coturnix japonica*)*. Master's Thesis, Graduate School of Social Sciences, Program at General Psychology, Muğla University.

Manuscripts in Progress

- Bulut, M., Çetinkaya, H., & Dural, S. (in press) SNARC effect in a transfer paradigm: Long lasting effects of S-R compatibility practices. *Psychological Research*. Submission ID: 9d618795-b4cd-4be2-af8c-6e1e7f129f9a
- Gelbart B., Walter K. V., Conroy-Beam D., et al. (in press). The function of love: Assessing commitment device and relationship maintenance hypotheses of romantic love. *Journal of Personality and Social Psychology* (Submission ID: 4c6faa9328c22c98).
- Kowal, M., Bode, A. Koszalkowska, K., et al. (in press) Love as a commitment device: Evidence from a cross-cultural study across 90 Countries. *Nature Human Behavior*. Submission ID: NATHUMBEHAV-24103913.
- Zerhouni , O., Lalot, F., Gallyamova A., et al. (under review) Environmental harshness and sexual behavior: A multicountry comparison. *Nature Human Behavior*. Submission ID: NATHUMBEHAV-24103913.
- Pfuhl, G., Prazeres, F., Kowal, M., et al. (under review) A preliminary study on the role of personal history of infectious and parasitic diseases on self-reported health across countries. *Pathogens and Disease*. Submission ID: PAD-24-07-0060.
- Palaz, E., Cetinkaya, H., & Dural, S. (under review) Representational context modulates the direction and transiency of practice effects on SNARC. *Quarterly Journal of Experimental Psychology*. Submission ID: QJE-STD-24-248.
- Hepdarcıan I., Korkut, I., Gur, E., Cetinkaya H., & Dural S. (under review) Revisiting the SNARC effect: Testing magnitude classification in a Turkish sample typically lacking the SNARC effect. *Journal of Cognitive Psychology*. Submission ID: JCP-247637866.
- Kowal, M., Sorokowski, P., Roberts, C., et al. (under review) Predictors of romantic love experiences across a multitude of nationally representative samples. *Journal of Personality and Social Psychology*. Submission ID: IRGP-c4895e0e5d1f7660.
- Kowal, M., Al-Shawaf, L., Varella, M. A. C., et al. (under review) Insights on the importance of physical attractiveness: Two-step cluster analysis on data from 93 countries. *Scandinavian Journal of Psychology*. Submission ID: JOEP-D-

23-00246.

Gelbart B., Walter K. V., Conroy-Beam D., et al. (under review) The function of love: Assessing commitment device and relationship maintenance hypotheses of romantic love. *Evolution and Human Behavior*. Submission ID: EVOLHUMBEHAV-D-23-00184.

Gündüz, T., Kılıç, I. S., Topaloğlu, A. B., İset, B., & Çetinkaya, H. (accepted as a registered report). The effects of the elective-caesarean section on socio-cognitive abilities of children. *Frontiers in Psychology: Developmental Psychology*.

Kaya, C., Candemir, A., Kaya, D., Cetinkaya, H., & Dural, S. (under preparation) Investigating no SNARC: Do reading habits provide insight into the SNARC patterns of Turkish sample? *Journal of Cognition and Culture*.

Grigoryev, D., Gallyamova, A., Komyaginskaya, E., et al., (under preparation) Sociosexual orientation, life history strategy, and reproductive success: A large-scale cross-cultural analysis across 92 contemporary societies.

Kowal, M., et al. (under preparation) Cross-cultural data on romantic love, mate preferences, and physical attractiveness from 119,247 participants.

Peer-Reviewed Publications

Hepdarcan I., Cetinkaya H., & Dural S. (2024). Magnitude-space representations in the n-back task: Long-term representations of magnitudes alter the working memory performance. *Memory & Cognition*. <https://doi.org/10.3758/s13421-024-01667-9>

Palaz, E., Çetinkaya, H., Tuncali, Z., Kamar, B., & Dural, S. (2024) Practice-induced SNARC: Evidence from a null-SNARC sample. *Cognitive Processing*. 10.1007/s10339-024-01198-w.

Meskó, N., Kowal, M., Láng, A., et al. (2024). Exploring attitudes toward “Sugar Relationships” across 87 countries: A global perspective on exchanges of resources for sex and companionship. *Archives of Sexual Behavior*, <https://doi.org/10.1007/s10508-023-02724-1>

Groyecka-Bernard, A., Sorokowski, P., Karwowski, M., et al. (2024) Conservatism negatively predicts creativity: A study across 28 countries. *Journal of Cross-Cultural Psychology*. DOI: 10.1177/00220221241238321.

Kowal, M., Sorokowski, P., Dinic, B. M., et al. (2024) Validation of the short version (TLS-15) of the Triangular Love Scale (TLS-45) across 37 languages. *Archives of Sexual Behavior*. DOI: 10.1007/s10508-023-02702-7.

Croy, I., Heller, C., Akello, G., et al. (2024). COVID-19 and social distancing: a cross-cultural study of interpersonal distance preferences and touch behaviors before and during the pandemic. *Cross-Cultural Research*, 58(1), 41-69. <https://doi.org/10.1177/10693971231174935>

Gunduz, T., Gunduz, H., & Cetinkaya, H. (2023). Increase in physiological inhibitory control results in better suppression of unwanted memories. *British Journal of Psychology*, 114, 908–927. <https://doi.org/10.1111/bjop.12667>

Bulut, M., Hepdarcan, I., Palaz, E., Çetinkaya, H., & Dural, S. (2023). No SNARC effect among left-to-right readers: Evidence from a Turkish sample. *Advances in Cognitive Psychology*, 19(3), 224-236.

Sorokowska, A., Kowal, M., Saluja, S. et al. (2023). Love and affectionate touch toward romantic partners all over the world. *Scientific Reports*, 13, 5497. <https://doi.org/10.1038/s41598-023-31502-1>

- Sorokowski, P., Kowal, M., Sternberg, R.J. et al. (2023) Modernization, collectivism, and gender equality predict love experiences in 45 countries. *Scientific Reports*, 13, 773.. <https://doi.org/10.1038/s41598-022-26663-4>
- Kowal, M., Sorokowski, P., Dinić, B.M. et al. (2023). Validation of the Short Version (TLS-15) of the Triangular Love Scale (TLS-45) across 37 Languages. *Archives Sexual Behavior*. DOI: <https://doi.org/10.1007/s10508-023-02702-7>
- Kowal, M., Sorokowski, P., Pisanski, K., et al. (2022). Predictors of enhancing human physical attractiveness: Data from 93 countries. *Evolution and Human Behavior*. DOI: 10.1016/j.evolhumbehav.2022.08.003.
- Dural, S., Gur, E., & Çetinkaya, H. (2022) Testing the memory reconsolidation hypothesis in a fear extinction paradigm: The effects of ecological and arbitrary stimuli. *Learning and Behavior*. DOI: 10.3758/s13420-022-00536-2.
- Burkova, V. N., Butovskaya, M. L., Randall, A. K., et al. (2022). Factors associated with highest symptoms of anxiety during COVID-19: Cross-cultural study of 23 countries. *Frontiers in Psychology*. DOI: 10.3389/fpsyg.2022.805586.
- Boğa, M., Turan, G., & Çetinkaya, H. (2022). Biophilic dimensions of products and their effects on user preferences. *ITUA|Ç*. DOI: <https://dx.doi.org/10.5505/itujfa.2022.76892>
- Walter, K. V., Conroy-Beam, D., Buss, D. M., et al. (2021). Sex differences in human mate preferences vary across sex ratios. *Proceedings of the Royal Society B: Biological Science*. DOI: 10.1098/rspb.2021.1115.
- Butovskaya, M. L., Burkova, V. N., Randall, A. K., et al. (2021). Cross-cultural perspectives on the role of empathy during COVID-19's first wave. *Sustainability*. DOI: 10.3390/su13137431.
- Sorokowska, A., Saluja, S., Sorokowski, P., et al. (2021). Affective interpersonal touch in close relationships: A cross-cultural perspective. *Personality and Social Psychology Bulletin*. DOI: 10.1177/0146167220988373.
- Burkova, V. N., Butovskaya, M. L., Randall, A. K., et al. (2021). Predictors of anxiety in the COVID-19 pandemic from a global perspective: Data from 23 countries. *Sustainability*. DOI: 10.3390/su13074017.
- Sorokowski, P., Sorokowska, A., Karwowski, M., et al. (2021). Universality of the triangular theory of love: Adaptation and psychometric properties of the triangular love scale in 25 countries. *The Journal of Sex Research*. DOI: 10.1080/00224499.2020.1787318.
- Dobrowolska, M., Groyecka-Bernard, A., Sorokowski, P., et al. (2020). Global perspective on marital satisfaction. *Sustainability*. DOI:10.3390/su12218817.
- Kowal, M., Sorokowski, P., Sorokowska, A., et al. (2020). Reasons for Facebook usage: Data from 46 countries. *Frontiers in Psychology*. DOI: 10.3389/fpsyg.2020.00711.
- Walter, K. V., Conroy-Beam, D., Buss, D. M., et al. (2020). Sex differences in mate preferences across 45 countries: A large-scale replication. *Psychological Science*. DOI: 10.1177/0956797620904154.
- Conroy-Beam D., Buss D.M., Asao K., et al. (2019). Contrasting computational models of mate preference integration across 45 countries. *Nature: Scientific Reports*. DOI: 10.1038/s41598-019-52748-8.
- Conroy-Beam, D., Roney, J. R., Lukaszewski, A. W. et. al. (2019). Assortative mating and the evolution of desirability

- covariation. *Evolution and Human Behavior*. DOI: 10.1016/j.evolhumbehav.2019.06.003.
- Çetinkaya, H. (2022). Naturalistic Stimuli. In: Vonk, J., Shackelford, T.K. (eds) *Encyclopedia of Animal Cognition and Behavior*. Springer, Cham. https://doi.org/10.1007/978-3-319-55065-7_2019
- Çetinkaya, H. (2018). Arbitrary Stimuli. In: Vonk, J., Shackelford, T. (eds) *Encyclopedia of Animal Cognition and Behavior*. Springer, Cham. https://doi.org/10.1007/978-3-319-47829-6_1092-1
- Dural, S., Burhanoglu, B. B., Ekin, N., Gurbuz, E., Akin, I. U., Can, S. & Çetinkaya, H. (2018). Compatibility between physical stimulus size-spatial position and false recognitions. *Frontiers in Psychology*. DOI: 10.3389/fpsyg.2018.01457.
- Sorokowska, A., Groyecka, A., Karwowski, M. et al. (2018). Global study of social odor awareness. *Chemical Senses*. DOI: 10.1093/chemse/bjy038.
- Sorokowski, P., Randall, A. K., Groyecka, A., et al. (2017). Marital satisfaction, sex, age, marriage duration, religion, number of children, economic status, education, and collectivistic values: Data from 33 countries. *Frontiers in Psychology*. DOI: 10.3389/fpsyg.2017.01199.
- Sorokowska, A., Sorokowski, P., Hilpert, P., et al. (2017). Preferred interpersonal distance: A global comparative analysis. *Journal of Cross-Cultural Psychology*. DOI: 10.1177/00220222 117698039.
- Dural, S., Çetinkaya, H., & Güntürkün, O. (2017). Imagine a mouse and an elephant: Hemispheric asymmetries of imagination. *Laterality*. DOI: 10.1080/1357650X.2016.1200594.
- Hilpert, P., Randall, A. K., Sorokowski, P., et. al. (2016). The associations of dyadic coping and relationship satisfaction vary between and within nations: A 35-Nation study. *Frontiers in Psychology*. DOI: 10.3389/fpsyg. 2016.01106.
- Dural, S., Gür, E. & Çetinkaya, H. (2015). A new approach to extinguishing learned fear: Intervention to memory reconsolidation process (review article). *Turkish Psychological Articles*, 18(35), 67-82.
- Gülbetekin, E., Çetinkaya H., & Dural, S. (2015). Sex difference and menstrual cycle effects on semantic priming and remembering. *International Journal of Human Sciences*, 12(1), 743-760
- Dural, S., Çetinkaya H., & Gülbetekin, E. (2015). Hemispheric specialization in the assessment of female physical attractiveness. *Laterality*. DOI: 10.1080/1357650X.2014.955503.
- Dural, S., Çetinkaya H., Can S., Kaya A. G., & Hünler, O. S. (2014). Examination of sex differences in the responses to heterosexual and homosexual infidelity. *Anatolian Journal of Psychiatry*. DOI: 10.5455/apd.39255.
- Gülbetekin, E., İyilikci, O., Amado, S., Çetinkaya, H., & Dural, S. (2012). Hemispheric asymmetry in expression and perception of happiness. *Türk Psikoloji Dergisi*. 27(70), 65-83.
- Sorokowski, P., Szmajke, A., Sorokowska, A., et al. (2011). Attractiveness of leg length: Report from 27 nations. *Journal of Cross-Cultural Psychology*. DOI: 10.1177/0022022110392229.
- Çetinkaya, H. (2011). A critic of standard social science model: Evolutionary Psychological contribution. *Bilim ve Ütopya*, 209(17), 25-33.
- Dural, S., Karaşar, A., & Çetinkaya, H. (2010). The effect of derogation strategies used by females in intrasexual

- competition on males' mate preferences. *Türk Psikoloji Dergisi*. 25(66), 101-116.
- Çetinkaya, H., Dural, S., & Gülbetekin, E. (2010). Testing the concealed ovulation hypothesis in the framework of facial symmetry fluctuations moderated by menstrual cycle in women. *Türk Psikoloji Dergisi*. 25(66), 1-20.
- Gülbetekin, E., Güntürkün, O., Dural, S., & Çetinkaya, H. (2009). Visual asymmetries in Japanese quail (*Coturnix coturnix japonica*) retain a lifelong potential for plasticity. *Behavioral Neuroscience*. DOI: 10.1037/a0016406.
- Çetinkaya, H. (2009). Animal models in psychopathologies. M. Irak (Ed). *Information processing in psychopathologies: From theory to application*. Ankara: Hekimler Yayın Birliği.
- Dural, S., Çetinkaya, H., & Gülbetekin, E. (2008). The role of waist-to-hip ratio in evaluating female physical attractiveness: Eye-tracker data. *Türk Psikoloji Dergisi*. 23(61), 75-91.
- Gülbetekin, E., Güntürkün, O., Dural, S., & Çetinkaya, H. (2007). Asymmetry of visually-guided sexual behavior in adult Japanese quail (*Coturnix japonica*). *Laterality*. DOI: 10.1080/13576500701307080.
- Çetinkaya, H. & Domjan, M. (2006). Sexual fetishism in a quail model system: Test of reproductive success. *Journal of Comparative Psychology*, 120(4), 427-432.
- Çetinkaya, H. (2006). On evolution, science, and education. *Ege Journal of Education*, 7(1), 1-21.
- Çetinkaya, H. (2006). Context: Where learning takes place. *İlke: Journal of Social Sciences*, 14, 111-127.
- Çetinkaya, H. (2005). Development of a low-cost eye-tracking system. *Psychological Studies*, 125, 16-29.
- Çetinkaya, H., Gülbetekin, E. ve Dural, S. (2004). Çekiciliğin değerlendirilmesinde yüz ve vücut şeklinin kritik rolü. *Türk Psikoloji Bülteni*, 10, 167-178
- Çetinkaya, H., Dural, S. ve Gülbetekin, E. (2004). Cinsel kıskançlık: Evrimsel bir yaklaşım. *Türk Psikoloji Bülteni*, 10, 152-158.
- Çetinkaya, H. (1998). Why is sex fun? [Review of the book Why is sex fun? The evolution of human sexuality]. *Revista Latinoamericana de Psicología*, 11, 179- 181.
- Çetinkaya, H., & Domjan, M. (1998). An automated technique for the study of cyclic fluctuations in sexual motivation in an avian species. *Behavioral Research Methods, Instrumentations, & Computers*, 30, 667-673.
- Çetinkaya, H. (1993). The effect of aggressive video games on children's aggressive behavior. *3P: Psychiatry, Psychology, Psychopharmacology*, 1, 28-34.

Selected Conference Presentations

- Tuncali, Z., Çetinkaya, H., & Dural, S. (2024, August). SNARC in emotional context: Gender assessment of facial expressions modulates parity performance. *International Journal of Psychology*, 59(Supplement 1), 123-124. [Meeting Abstract 2219].
- Tunç, E. N., Maçın, M., Çetinkaya, H., & Dural, S. (2024). Exploring the role of embodied cognition on SNARC: Impact of hand position on foot responses. *International Journal of Psychology*, 59(Supplement 1), 121. [[Meeting Abstract 2515].

- Korkut, I., Çetinkaya, H., Hepdarcı, I., Gür, E., & Dural, S. (2024). Revisiting the SNARC effect with magnitude comparison task in a null-SNARC sample. *International Journal of Psychology*, 59(Suppl. 1), 123. [Meeting Abstract 2272].
- Kaya, C., Candemir, A., Kaya, D., Çetinkaya, H., & Dural, S. (2024, August). Do reading habits provide any insight into the absence of SNARC effect in the Turkish sample? *International Journal of Psychology*, 59(Supplement 1), 144. [Meeting Abstract 2577].
- Kamar, B., Çetinkaya, H., Haugen, B., & Dural, S. (2024, August). Modulating learning performance through the pairing of emotions with different SNAs. *International Journal of Psychology*, 59(Suppl. 1), 121–122. [Meeting Abstract 2464].
- Dural, S., Palaz, E., & Çetinkaya, H. (2024, August). How does practice under different representational contexts change SNAs over time? *International Journal of Psychology*, 59(Supplement 1), 123. [Meeting Abstract 2238].
- Çetinkaya, H., Gündüz, T., & Gündüz, H. (2024, August). Inhibitory spillover: Implicitly induced urinary urgency facilitates inhibition of unwanted thoughts. *International Journal of Psychology*, 59(Supplement 1), 116. [Meeting Abstract 3732].
- Çetinkaya, H., Palaz, E., Tuncali, Z., Kamar, B., & Dural, S. (2024, August). Practice-induced SNARC: MNL compatibility in a No-SNARC sample. *International Journal of Psychology*, 59(Supplement 1), 124. [Meeting Abstract 2201].
- Çetinkaya, H., Gunduz, T., & Gunduz, H. (2023). Inhibitory spillover effect: Experimental urinary urgency produces inhibition of unwanted thoughts. *International Journal of Psychology*, 58(Supplement 1), 705.
- Gündüz, T., Çetinkaya, H., Şahin, S., & Coşkun, B. (2023). Birth-type and empathy: Possible organizational effects of oxytocin in humans. *International Journal of Psychology*, 58(Suppl. 1), 959.
- Gündüz, T., Çetinkaya, H., Kanlı, N., & Topaloglu, A. B. (2023). Mortality salience and attention: Does DTA manifest itself on change detection performances? *International Journal of Psychology*, 58(1), 958-959.
- Çetinkaya, H., Acem, E., & Sakin, M. (2023). Inhibitory spillover effect: Temporal-SNARC: Time may be of a special way of spatial mental representation. *International Journal of Psychology*, 58(1), 754-755.
- Bulut, M., Hepdarcı, I., Palaz, E., Çetinkaya, H. ve Dural, S. (2022). *The SNARC effect: Can reading direction and finger counting habits explain the spatial-numerical associations?* 21st National Congress of Psychology, İstanbul, Türkiye.
- Bulut, M. ve Dural, S. (2022). *Time-dependent effect of compatible and incompatible practice on the SNARC effect in the context of spatial-numerical associations.* 21st National Congress of Psychology, İstanbul, Türkiye.
- Bulut, M. & Dural, S. (2022). *Finger counting habit and its link with spatial-numerical associations in a Turkish sample.* 17th European Congress of Psychology, Ljubljana, Slovenia.
- Çetinkaya, H., Acem, E., & Sakin, M. (2021). *Temporal-SNARC: Time may be of a special way of spatial mental representation.* ICP 2020+: The 32nd International Congress of Psychology, Prague, Czech Republic.
- Çetinkaya, H., Gündüz, T., & Gündüz, H. (2021). *Inhibitory Spillover Effect: Experimental Urinary Urgency Produces Inhibition of Unwanted Thoughts.* ICP 2020+: The 32nd International Congress of Psychology, Prague, Czech Republic.

- Gündüz, T., Cetinkaya, H., Kanli, N., & Topaloglu, A. (2021). *Mortality Salience and Attention: Does DTA Manifest Itself on Change Detection Performances?* ICP 2020+: The 32nd International Congress of Psychology, Prague, Czech Republic.
- Gündüz, T., Cetinkaya, H., Sahin, S., & Coskun, B. (2021). *Birth-Type and Empathy: Possible Organizational Effects of Oxytocin in Human*. ICP 2020+: The 32nd International Congress of Psychology, Prague, Czech Republic.
- Dural, S., Bulut, M., Palaz, E., & Hepdarcan, I. (2021). *The distance effect in a response inhibition task*. 32nd International Congress of Psychology, Prague, Czech Republic.
- Palaz, E., Dural, S., & Çetinkaya, H. (2019). *The blocking effect in observational learning of fear*. 16th European Congress of Psychology, Moscow, Russia.
- Yavuz, G., Dural, S., & Çetinkaya, H. (2019). *Testing the number-space compatibility in a Stroop task*. 16th European Congress of Psychology, Moscow, Russia.
- Dural, S., Çetinkaya, H., & Can, S. (2018). *Biological roots of left-to-right-oriented mental line*. International Society for Comparative Psychology Biennial Meeting, Los Angeles, USA.
- Çetinkaya, H., Gündüz, T., & Dural, S. (October, 2018). *Oxytocin effects: Emotion detection differences between cesarean- and natural-born adults*. International Society for Comparative Psychology XIX. Biennial Meeting, Los Angeles, USA.
- Çetinkaya, H. (July, 2017). *The effects of autonomic lability and stimulus modality on acquisition and extinction of instructed fear*. 15th European Congress of Psychology, Amsterdam, the Netherlands.
- Hepdarcan Sezen, I, Can, S., Alankuş, G., & Çetinkaya, H. (July, 2017). *The reliability of hemodynamic measures obtained via functional near-infrared spectroscopy (fNIRS) by using an n-back task*. 15th European Congress of Psychology, Amsterdam, the Netherlands.
- Çetinkaya, H. Dural, S., & Güntürkün, O. (July, 2017). *Male reproductive discount: effects of sexual arousal*. 15th European Congress of Psychology, Amsterdam, the Netherlands.
- Yıldız, A., Çetinkaya, H., Can, S., Dural, S. & Alankus, G. (September 2017). *Hemodynamic correlates of visuomotor adaptation processes to linear and circular rotation tasks: a fNIRS study*. 20th Conference of the European Society for Cognitive Psychology, Potsdam, Germany.
- Yıldız, A., Çetinkaya, H., Can, S., Dural, S. & Alankus, G. (September 2017). *Investigation of eye-hand coordination during adaptation to a novel visuomotor rotation task: An eye-tracking study. (Poster)* 20th Conference of the European Society for Cognitive Psychology, Potsdam, Germany.
- Çetinkaya, H. & Dural, S. (June, 2016). *Perceptual asymmetry of female physical attractiveness: Human males may have special mechanisms that facilitate identifying female body shapes*. Northeastern Evolutionary Psychology Society, Tenth Annual Conference, Saint Mary's University, Halifax, Canada.
- Çetinkaya, H., Hepdarcan, I., İçağası, B., & Palaz, E. (2014). *A search for cognition in nonhuman animals*. 19th National Conference of Psychology Students, OMU, Samsun, Turkey.
- Çetinkaya, H. & Dural, S. (August, 2013). *Testing the return of fear after a reconsolidation manipulation of fear memory*. European Society for Cognitive Psychology (ESCOP), Budapest, Hungary.

- Kocaman, S., Çetinkaya, H., & Amado, S. (2008). The parental *resemblance of the newborn: Do newborns actually resemble their fathers?* Human Behavior & Evolution Society 20th Annual Conference, Kyoto, Japan.
- Çetinkaya, H., Dural, S., & Gülbetekin O. E. (July, 2004). *Is ovulation really concealed in women?* Mind, Culture & Evolution Conference. University of British Columbia, Vancouver, Canada.
- Çetinkaya, H. (June, 2005). *Ovulation may not be totally concealed, especially from pair-bonded males.* Paper presented at HBES 2005 Conference, Austin, TX, USA.
- Çetinkaya, H., Dural, S., & Öztop, E. (November, 2002). *Female attractiveness: Where does a man stare at a woman's body?* Paper presented at the Society for the Scientific Study of Sexuality Annual Meeting, Montréal, Canada.
- Çetinkaya, H. & Domjan, M. (1998, May). *Circadian rhythm of sexual behavior in male Japanese quail.* Paper presented at the meeting of the Society for Research on Biological Rhythms, Sixth Meeting. Amelia Island Plantation, Jacksonville, Florida.
- Chen, J., Gutiérrez, G., Cusato, B. M., & Çetinkaya, H. (1997). *Sexual dimorphism in the instrumental conditioning of sexual response in Japanese quail.* Paper presented at the 43rd South Western Psychological Association Annual Convention, Forth-Worth, Texas.
- Çetinkaya, H. & Domjan, M. (1997). *A novel method for the study of cyclic fluctuations in sexual motivation in an avian species.* Paper presented at the Animal Behavior Society Annual Convention, University of Maryland National Zoological Park, Maryland.
- Kopp, J. L., & Çetinkaya, H. (1996, May). *Ontogenic selection of uninstructed lever-press responses in humans.* Poster session presented at the 42nd Southwestern Psychological Association Annual Convention, Houston, Texas.

Dissertation Committees

Hayriye, Dönmez,	<i>Yaşar University</i>	2024
Miray Boğa,	<i>İstanbul Technical University</i>	2022
Funda Salman	<i>Hacettepe University</i>	2021
Melike Güzey Yiğit	<i>Ankara University</i>	2020
Merve Bulut,	<i>İzmir University of Economics</i>	2020
Ezgi Palaz,	<i>İzmir University of Economics</i>	2020
Ilgım Hepdarcan,	<i>İzmir University of Economics</i>	2020
Turan Gündüz,	<i>Ankara University</i>	2019
Funda Salman	<i>Hacettepe University</i>	2016