

IRENA ARSLANOVA

Postdoctoral Researcher, Royal Holloway, University of London
irena.arslanova@gmail.com | irenaarslanova.com

APPOINTMENTS

Postdoctoral Researcher, Royal Holloway, University of London (Apr 2021 – ongoing)

EDUCATION

Ph.D. Cognitive Neuroscience, University College London, 2017 – 2021, [Thesis](#)

– Research visit to NTT Communication Science Laboratories, Japan (Sep 2019 – Dec 2019)

B.Sc. Psychology, City, University of London, 2014 - 2017, Grade: First Class Honours

PUBLICATIONS

Takamuku S, **Arslanova I**, Gomi H, & Haggard P (2024) Multidigit tactile perception II: perceptual weighting during integration follows a leading-finger priority. *Journal of Neurophysiology*. [Manuscript](#)

Arslanova I, Meletaki V, Calvo-Merino B, & Forster B (2023) Perception of facial expressions involves emotion specific somatosensory cortex activations which are shaped by alexithymia. *Cortex*. [Manuscript](#)

Arslanova I, Kotsaris V, & Tsakiris M (2023) Perceived time expands and contracts within each heartbeat. *Current Biology*. [Manuscript](#)

Arslanova I, Galvez-Pol A, Kilner J, Finotti G, & Tsakiris M (2022) Seeing through each other's hearts: Inferring others' heart rate as a function of own heart rate perception and perceived social intelligence. *Affective Science*. [Manuscript](#)

Arslanova I, Takamuku S, Gomi H, & Haggard P (2022) Multidigit tactile perception I: motion integration benefits for tactile trajectories presented bimanually. *Journal of Neurophysiology*. [Manuscript](#)

Arslanova I, Wang K, Gomi H, & Haggard P (2020) Somatosensory evoked potentials that index lateral inhibition are modulated according to the mode of perceptual processing: comparing or combining multi-digit tactile motion. *Cognitive Neuroscience*. [Manuscript](#)

Arslanova I, Galvez-Pol A, Calvo-Merino B, & Forster B (2019) Searching for bodies: ERP evidence for independent somatosensory processing during visual search for body-related information. *Neuroimage*. [Manuscript](#)

GRANT & AWARDS

Leverhulme Trust Early Career Fellowship (2024-27) – In search of experienced time: how the heart-brain coupling supports time perception

Guarantors of Brain Travel Grant (2023) – to attend Timing Research Forum in Lisbon, Portugal, £500

BIAL Foundation Grant (2023; co-PI) – investigating the electrophysiological components of heart-brain coupling in time perception, €54,000

Mind-Body-Brain (MBB) Young Investigator Award (2022) – funded 3-month research visit to Max Planck Institute for Human Cognitive and Brain Sciences

Sully Scholarship for best PhD Upgrade (2018) awarded by University College London

Best Psychology Undergraduate Student Award (2017) awarded by British Psychology Society

Undergraduate Project Prize (2017) awarded by Experimental Psychology Society

Undergraduate Research Bursary (2016) – funded 3-month research project awarded by Experimental Psychology Society, £3000

INVITED TALKS

Minds and Moments: An Interdisciplinary Workshop on Cognition, Brain and Time, organised by Prof. Ayelet Landau (September 5-6, 2024, Berlin, Germany)

Timing Research Forum virtual journal club (September 25, 2024, virtual)

Momentary Emotion Elicitation and Capture (MEEC) (October 17, 2022, virtual)

SELECTED SERVICE & EXPERIENCE

Reviewing

Journal of Cognitive Neuroscience, Quarterly Journal of Experimental Psychology, Psychophysiology, Experimental Brain Research, iScience, Cognition, Human Brain Mapping

Teaching

Guest lecture (**Emotion II: Emotion regulation**) for PS4207/PS5207: Neuroscience of Emotion and Decision Making at Royal Holloway (Nov 2023 & Oct 2024)

Guest lecture (**What can your heart tell you about your brain?**) for PS5210: Applied Neuroscience Methods at Royal Holloway (Nov 2024)

Demonstrator for Undergraduate Research Methods (Introductory, Level 1, & Level 2) at Birkbeck, University of London (Sept 2021 – May 2023)

Tutor for Year 3 Academic Tutorials, University College London (Sept 2021 – March 2023)

Tutor for UCL Writing Lab, University College London (Sept 2020 – April 2021)

Supervision

Yasmin Bangemann, Jessica Edwards, Matyas Hudec, Georgia Synodinou, & Molly Cole (Royal Holloway, UG Psychology dissertation project, 2024)

Magdalena Jaglinska (Royal Holloway, research assistant on BIAL Grant, 2024)

Keying Wang (UCL, voluntary research internship, 2019)

COMPUTING & TECHNICAL SKILLS

- Experimental design and execution: Matlab and Gorilla/Qualtrics for online experiments
- Data analysis: Python, R, SPSS
- EEG data acquisition and processing (EEGLAB/Fieldtrip/BrainVision)
- Physiological measurement (ECG, EMG)

PUBLIC ENGAGEMENT & IMPACT

TEDx Talk – *How your heartbeat shapes your experience of time* (Feb 2024). [Talk](#)

Invited to a podcast – *Brain Space Time Podcast* (Aug 2023). [Episode](#)

Featured on the CBS Primetime (July 2023). [Episode](#)

Organiser, speaker, and host at the *Pint of Science Egham* events (May 2023). [Website](#)

Invited to a podcast – *the Encourager* (May 2023). [Episode](#)

Invited keynote for the *Undergraduate Psychology conference* at City, University of London (Feb 2022)

Performing science experiments with the public at *Self-impressions with the Institute of Philosophy, University of London* (Tate Exchange/Tate Modern - Mar 2018)

Volunteer mentor at *IntoUniversity*, London (2014 - 2017)