

Daniel Linares

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Education

Sep 1996 - Jul 2000 BS Physics. University of Barcelona, Spain.
Dec 2002 - Dec 2006 PhD Psychology (advisor: Joan López-Moliner). University of Barcelona, Spain.

Non-research positions

2001- 2002 High-school teacher of Physics. Jesús, Maria i Josep School, Barcelona, Spain.

Research positions

Jan 2007 - Jul 2007 Temporary Researcher in the laboratory of Salvador Soto-Faraco. University of Barcelona, Spain.
Jul 2007 - Oct 2009 Postdoc University of Sydney, Australia.
Dec 2009- Dec 2011 Beatriu de Pinós Researcher Nippon Telegraph and Telephone, Japan.
Dec 2011 - Dec 2013 Research Associate Nippon Telegraph and Telephone, Japan.
Mar 2014 - Oct 2014 Postdoc University Paris Descartes, France.
Nov 2014 - Jan 2017 Postdoc University of Barcelona, Spain.
Feb 2017 - Mar 2017 Postdoc IDIBAPS, Spain.
Apr 2017- now PERIS Researcher IDIBAPS, Spain.

Research stages

2006 Department of Psychology. UCL, UK.

Awards

2016 Pla estratègic de recerca i innovació en salut (PERIS) 2016-2020 (€104.821) Generalitat de Catalunya.
2009 Beatriu de Pinós postdoctoral fellowship (€63.673) Generalitat de Catalunya.
2006 Travel award to visit UCL (€6.000) Generalitat de Catalunya.

2006 Best thesis in the department of Basic Psychology during 2007-2008.

University of Barcelona.

Grants

2018-2020 Estudio del procesamiento perceptual temprano en adolescentes con esquizofrenia de debut reciente y pacientes con encefalitis anti-NMDAR para evaluar la hipótesis glutamatergica de la esquizofrenia. Gisela Sugranyes (PI), Thais Armangué, Josep Dalmau, Albert Compte, Daniel Linares. PERIS, Generalitat de Catalunya (84.996€).

2016-2018 Alteraciones cognitivas en pacientes adolescentes con encefalitis antiNMDAR: posible disfunción en la percepción de la continuidad temporal y sus mecanismos. Albert Compte (PI), Josep Dalmau, Daniel Linares. Fundación Alicia Koplowitz (43.000€).

2007-2010 The processing of own action's sensory consequences and its effects on the temporal control of actions. Joan López-Moliner (PI), Eli Brenner, Elisabet Tubau, Daniel Linares. Ministerio de educación (39.000€).

Reviewing

Manuscripts: Attention, Perception and Psychophysics; Experimental Brain Research; i-Perception; Journal of Vision; Journal of Experimental Psychology: Human Perception and Performance; PeerJ; Perception; PLoS ONE; Scientific Reports; Psychological Research; Psychological Science; Vision Research.

Grants: ANEP

Publications

18. Linares, D., Aguilar-Lleyda, D., López-Moliner, J. (2019). Decoupling sensory from decisional choice biases in perceptual decision making. **eLife**, e43994.

17. Linares, D., Marin-Campos, R., Dalmau, J. Compte, A. (2018). Validation of motion perception of briefly displayed images using a tablet. **Scientific Reports**, 8(1), 16056.

16. Linares, D., Cos, I., Roseboom, W. (2016). Adaptation for multisensory relative timing. **Current Opinion in Behavioral Sciences**, 8, 35-41.

15. Linares, D., López-Moliner, J. quickpsy: An R package to fit psychometric functions for multiple groups. **The R Journal**, 8(1), 122-131.

14. *Roseboom, W., *Linares, D., Nishida, S. (2016). Sensory adaptation for timing perception. (*) Equal contribution. **Proceedings of the Royal Society of London B**, 282: 20142833.

13. Linares, D., Gorea, A. (2015). Temporal frequency of events rather than speed dilates perceived duration of moving objects. **Scientific Reports**, 5(8825).

12. Linares, D., Holcombe, A. O. (2014). Differences in perceptual latency estimated from judgments of temporal order, simultaneity, and duration are inconsistent. **i-Perception**, 5(6) 559–571.

11. Linares, D. Nishida, S. (2013). A synchronous surround increases the motion strength gain of motion. **Journal of Vision**, 13(13):12, 1–15.

10. Linares, D., Motoyoshi, I., Nishida, S. (2012). Surround facilitation for rapid motion perception. **Journal of Vision**, 12(10): 3, 1-10.
9. Holcombe, A.O., Linares, D., Vaziri-Pashkam. (2011). Perceiving spatial relationships via attentional tracking and shifting. **Current Biology**, 21(13), 1135-1139.
8. Linares, D., Holcombe, A.O., White, A. L. (2009). Where is the moving object now? Judgments of instantaneous position show poor temporal resolution (SD=70 ms). **Journal of Vision**, 9(13):9, 1-14.
7. Linares, D., & Holcombe, A.O. (2008). Position perception: Influence of motion with displacement dissociated from the influence of motion alone. **Journal of Neurophysiology**, 100, 2472-2476.
6. White, A.L., Linares, D., & Holcombe, A.O. (2008). Visuomotor timing compensates for changes in perceptual latency. **Current Biology**, 18(20), pR951-pR953.
5. Linares, D., López-Moliner, J., & Johnston, A. (2007). Motion signal and the perceived position of moving objects. **Journal of Vision**, 7(7), 1-7.
4. Linares, D., & López-Moliner, J. (2007). Absence of flash-lag when judging global shape from local positions. **Vision Research**, 47, 357-362.
3. Linares, D., & López-Moliner, J. (2006). Perceptual asynchrony between color and motion with a single direction change. **Journal of Vision**, 9, 974-981.
2. López-Moliner, J., & Linares, D. (2006). The flash-lag effect is reduced when the flash is perceived as a sensory consequence of our action. **Vision Research**, 46, 2122-2129.
1. Nuñez-Peña, M. I., Aznar, J. A., Linares, D., Corral, M. J., & Escera, C. (2005) Effect of dynamic rotation on event-related brain potentials. **Cognitive Brain Research**, 24, 307-316.

Conference presentations

27. Linares, D., Amoretti, S., Marín, R., Dalmau, J., Bernardo, M., Compte, A. (2018). Assessing perceptual surround suppression in schizophrenia. BARCCSYN, Barcelona, Spain.
26. Linares, D., López-Moliner, J. (2016). Choice bias contributes little to perceptual decision making in appearance tasks. ECVP, Barcelona, Spain.
25. Linares, D., Roseboom, W., Nishida, S. (2015). Sensory adaptation for timing perception. BARCCSYN, Barcelona, Spain.
24. Roseboom, W., Linares, D., Nishida, S. (2014). Audio-visual asynchrony exposure changes sensitivity for temporal synchrony: adaptation in relative timing mirrors adaptation in vision. IMRF, Amsterdam, The Netherlands.
23. Roseboom, W., Linares, D., Nishida, S. (2014). Adaptation reveals mechanisms for enhanced representation of common and novel temporal relationships. International Conference on Timing and Time Perception, Corfu, Greece.
22. Linares, D., Motoyoshi, I., & Nishida, S. (2013) Facilitation of rapid motion perception by a static, but not dynamic, synchronous surround. Vision Sciences Society, Naples, USA.
21. Linares, D., Holcombe, A.O., Motoyoshi, I., & Nishida, S. (2012). Perceived timing of different features at surface formation. Asia-Pacific Conference on Vision, Incheon, Korea.

20. Linares, D., Motoyoshi, I., & Nishida, S. (2012). A synchronous surround increases motion sensitivity. Vision Sciences Society, Naples, USA. *Journal of Vision*, 12(9):149.
19. Linares, D., Motoyoshi, I., Maruya, K., & Nishida, S. (2011). Motion attached to a new surface is easier to detect. Vision Sciences Society, Naples, USA.
18. Holcombe, A. O., Linares, D., & Vaziri-Pashkam, M. (2010). Inability to perceive the spatial relationship of objects revolving too quickly to attentive track. Vision Sciences Society, Naples, USA. *Journal of Vision*, 10(7): 316.
17. Linares, D., & Holcombe, A. O. (2010). The curse of inconsistent auditory- visual perceptual asynchronies. Vision Sciences Society, Naples, USA. *Journal of Vision*, 10(7): 1411.
16. López-Moliner, J., & Linares, D. (2009). Mixing slow and fast speeds fools the colour-motion asynchrony illusion. European Conference on Visual Perception, Regensburg, Germany. *Perception* 38(10).
15. Linares, D., & Holcombe, A. O. (2009). Dissociating motion-induced position illusions by the velocity dependence of both their magnitude and their variability. Experimental Psychology Conference, Wollongong, Australia.
14. Holcombe, A. O., Linares D., & White, A. L. (2009). A temporal limit on judgments of the position a moving object. Vision Sciences Society, Naples, USA. *Journal of Vision*, 9(8): 5.
13. White, A., Tatam, S., Linares, D., & Holcombe, A. O. (2009). Visuomotor compensation for variation in perceptual latency. Vision Sciences Society, Naples, USA. *Journal of Vision*, 9(8): 841.
12. Holcombe, A. O., & Linares, D. (2009). Dissociating motion-induced position illusions by the velocity dependence of both their magnitude and their variability. Vision Sciences Society, Naples, USA. *Journal of Vision*, 9(8): 1093.
11. Linares, D., & Holcombe, A.O. (2008). Dissociating the flash-lag effect from the drifting-Gabor displacement effect. European Conference on Visual Perception, Utrecht, The Netherlands. *Perception*, 37(26).
10. Linares, D., White, A. L., & Holcombe, A. O. (2008). A general temporal source of noise in flash-lag and other position judgment tasks. Asia-Pacific Conference on Vision, Brisbane, Australia.
9. Holcombe, A.O., & Linares, D. (2008). Poor temporal precision in judging the position of a moving object, imposed at a late visual processing stage. Vision Sciences Society, Naples, USA. *Journal of vision*, 8(6): 367.
8. Linares, D., White, A.L., & Holcombe, A. O. (2008). Object localization at speeds below and above the attentive tracking limit. Vision Sciences Society , Naples, USA. *Journal of vision*, 8(6): 502.
7. Linares, D., & Soto-Faraco, S. (2007). Temporal ventriloquism studied by means of a backward masking paradigm. International Multisensory Research Forum, Sydney, Australia.
6. López-Moliner, J., & Linares, D. (2007). Perceived duration is shortened after motion direction changes. Vision Sciences Society, Naples, USA. *Journal of vision*, 7(9), 377.
5. López-Moliner, J., & Linares, D. (2005). Internal and external prediction in the flash-lag effect. Vision Sciences Society, Sarasota, USA. *Journal of vision*, 5(8): 205.

4. Linares, D., & López-Moliner, J. (2005). Absence of flash-lag when judging global shape from local positions. European Conference on Visual Perception. La Coruña, Spain. Perception, 34.
3. Linares, D., & López-Moliner, J. (2005). Influence of motion adaptation on the flash-lag effect. Congreso Ibérico de Percepción. Barcelona, Spain.
2. Aznar-Casanova, & Linares D. (2004). Stereo-haptic perception in virtual space. International Multisensory Research Forum. Barcelona, Spain.
1. Aznar-Casanova, Linares D., & Sinnett S. (2003). The scanpath discriminate between static and dynamic viewing in the recognition of 3-D objects. The European Society for Cognitive Psychology. Granada, Spain.

Invited talks

- 2017 Multisensory Research Group, Pompeu Fabra University, Spain.
- 2017 Barcelona Lecture Series. Faculty of Psychology, University of Barcelona, Spain.
- 2014 IDIBELL, Spain.
- 2014 Multisensory Research Group, Pompeu Fabra University, Spain.
- 2014 Faculty of Psychology, University of Barcelona, Spain.
- 2013 UCL-NTT 'Deep Brain Communication' Project Second Meeting, NTT, Japan.
- 2009 Perception and Emotion Research Group, NTT, Japan.
- 2009 Faculty of Psychology, University of Barcelona, Spain.
- 2009 Multisensory Research Group, Pompeu Fabra University, Spain.
- 2009 Psychology Department, University College London, UK.
- 2008 Macquarie Center for Cognitive Sciences, Macquarie University, Australia.

Teaching

- 2016-2017 Lecturer. Perception and attention (undergraduate). University of Barcelona.
- 2015-2016 Lecturer. Perception and attention (undergraduate). University of Barcelona.
- 2016 SEPEX tutorial (ECVP satellite event). Fitting psychometric functions in R. CosmoCaixa, Barcelona.
- 2016. Guess Lecturer. Judgement and problems resolution (undergraduate). University of Barcelona.
- 2016 Guess Lecturer. Perception, action and consciousness (master). University of Barcelona.

Organizing committee

- 2016 European Conference on Visual Perception. Barcelona, Spain.

Supervision

2019 Mather thesis: Melanie Labusch. Contrast discrimination in schizophrenia as a possible biomarker of NMDA receptor dysfunction.