

CURRICULUM VITAE

BJOERN JOERGES

Toronto, Canada

+1 647 550 2495

bjoerges@yorku.ca

<https://b-jorges.github.io/website/index.html>

[@b_jorges](#)

Education and Academic Positions

Postdoctoral Fellow

Center for Vision Research, York University, Toronto, Canada, funded by the Canadian Space Agency

November 2019 – Present

PhD-Stage Researcher

PhD Research position Perception and Action in the Department of Cognition, Development and Psychology of Education, Faculty of Psychology, University of Barcelona, Spain

March 2019 – September 2019

Degree awarded: PhD in Cognitive Science and Language (Excellent Com Laude)

Master's Programs

Middle European Interdisciplinary Master's Program in Cognitive Science at University of Vienna, Austria

October 2015 – February 2016

Master of Arts in *Cognitive Science and Language* at University of Barcelona in Barcelona, Spain

October 2012 – September 2015

Dissertation title: Is Perceptual Learning a Case of Cognitive Penetration – and should it be?

Degree awarded: Master of Arts with an average grade of 8.3 (on a scale from “0-4 – Suspended” to “10 – With honors”)

Bachelor's Degree

Bachelor of Arts in Translation Science (Portuguese/Spanish) at University of Heidelberg, with ERASMUS exchanges to Universidad de Pablo de Olavide, Seville, Spain, and Universidad do Porto, Porto, Portugal

Dissertation title: A critique of Markus Sahr's translation of Herberto Helder's “Os Passos em Volta” into German

September 2008 – September 2012

Degree awarded: Bachelor of Arts with an average grade of 1.3 (on a scale from “1 – Very good” to “5 – Suspended”)

Research focus area

My research is focused on the role of vestibular cues for visual perception, including under microgravity conditions, and the interaction between self-motion and the visual perception of object motion in our environment.

I have furthermore a strong interest in Philosophy of Science and I am a defender of Open Science practices, as well as a proud member and supporter of the 2SLGBTIQA+ community.

Publications

Jörges, B., Harris, L. R. (2022). The Impact of Visually Simulated Self-Motion on Predicting Object 1 Motion – A Registered Report Protocol. PLoS ONE. Registered Report (*in principle acceptance obtained, data collection pending*).

Jörges, B., La Scaleia, B., López-Moliner, J., Lacquaniti, F., & Zago, M. (2021). Perceptual judgments of duration of parabolic motions. *Scientific Reports*, 11(1), 1–13.
<https://doi.org/10.1038/s41598-021-86428-3>

Jörges, B., & Harris, L. R. (2021). Object speed perception during lateral visual self-motion. *Attention, Perception, and Psychophysics*, 84(1), 25–46.
<https://doi.org/10.3758/s13414-021-02372-4>

Jörges, B., & López-Moliner, J. (2020). Determining Mean and Standard Deviation of the Strong Gravity Prior through Simulations. 1–19.
<https://doi.org/10.31234/osf.io/exp93>

Jörges, B., & López-Moliner, J. (2019). Earth-Gravity Congruent Motion Facilitates Ocular Control for Pursuit of Parabolic Trajectories. *Scientific Reports*, 9(1), 1–13.
<https://doi.org/10.1038/s41598-019-50512-6>

Jörges, B., Hagenfeld, L., & López-Moliner, J. (2018). The use of visual cues in gravity judgements on parabolic motion. *Vision Research*, 149, 47–58.
<https://doi.org/10.1016/J.VISRES.2018.06.002>

Jörges, B., & López-Moliner, J. (2017). Gravity as a Strong Prior: Implications for Perception and Action. *Frontiers in Human Neuroscience*, 11(203).
<https://doi.org/10.3389/fnhum.2017.00203>

Invited Talks

The Temporal Derivative of the Elevation Angle as a Cue for Visually Perceived Gravity.
Visual-Motor Control and Space Microgravity Physiology Laboratory, Fondazione Santa Lucia, Rome, Italy (July 2017)

Presentations

Jörges, B. & Harris, L. R. *Is the Self-Motion-Induced Bias in Time-to-Contact Estimation Attenuated when object motion is consistent with Gravity?*

Presented at:

- International Multisensory Research Forum, Ulm, Germany. (2022, July 4-7)

- CVR/VISTA Conference, York University, Toronto, Canada (2022, June 6-9).
 - Active Vision Conference, Rochester, USA (2022, May 19-22).
- Jörges, B. & Harris, L. R. (2022, May 13-20) *Motion Prediction is Biased by Visually Simulated Self-Motion* [Poster Session]. 2022 Annual Meeting of the Vision Science Society, St. Pete's Beach, Florida, USA.
- Jörges, B. & Harris, L. R. (2021, May 15-20) *Incomplete compensation for visual self-motion in the perception of object velocity* [Poster Session]. 2021 Annual Meeting of the Vision Science Society, St. Pete's Beach, Florida, USA, Online.
- Jörges, B. & Harris, L. R. (2021, February 16–17) *Incomplete compensation for self-motion in the visual perception of object velocity during a visual-vestibular conflict* [Poster Session]. 2021 Vestibular-Oriented Research Meeting, Online
- Jörges, B., Bury, N., McManus, M., Allison, R., Jenkin, M., & Harris, L. R. (2020, December 15-17) *Sex/gender differences in the perception of distance and self-motion* [Oral presentation]. 7th International Symposium on Visually Induced Motion Sensations, The Hong Kong University of Science and Technology, Online
- Jörges, B., Bury, N., McManus, M., Allison, R., Jenkin, M., & Harris, L. R. (2020, November 16) *The Perception of Travelled Distance in Microgravity* [Poster Session]. PRISMA Conference 2020, Universidad Complutense de Madrid, Madrid, Spain & Online
- Jörges, B., Bury, N., McManus, M., Allison, R., Jenkin, M., & Harris, L. R. (2020, August 26 & 28) *The Perception of Travelled Distance in Microgravity* [Poster Session]. STEM Village Virtual Symposium, Online
- Jörges, B. & Harris, L. R. (2020, June 19-24) *Incomplete compensation for visual self-motion in the perception of object velocity* [Poster Session]. 2020 Annual Meeting of the Vision Science Society, St. Pete's Beach, Florida, USA, Online
- Jörges, B. & Harris, L. R. (2020, May 1–3) *Incomplete compensation for self-motion in the visual perception of object velocity during a visual-vestibular conflict* [Poster Session]. 2020 Vestibular-Oriented Research Meeting, York University, Toronto, Canada (accepted; conference cancelled)
- Jörges, B. & Harris, L. R. (2020, January 10) *Incomplete compensation for visual self-motion in the perception of object velocity* [Poster Session]. LGBTQ+ STEMinar 2020, University of Birmingham, Birmingham, United Kingdom
- Jörges, B. & López-Moliner, J. (2019, May 17-22) *Earth-Gravity Congruent Motion Facilitates Ocular Control for Pursuit of Parabolic Trajectories* [Poster Session]. Vision Science Society, St. Pete's Beach, Florida, USA
- Jörges, B. & López-Moliner, J. (2019, January 11) *Earth-Gravity Congruent Motion Facilitates Ocular Control for Pursuit of Parabolic Trajectories* [Poster Session]. LGBTQ+ STEMinar, Institute for Physics, London, United Kingdom
- Jörges, B. (2018, July 5) *Challenges of LGBTQ+ Persons in Academia* [Oral Presentation]. LGBTQ+ in STEM Day 2018, University of Barcelona, Barcelona, Spain
- Jörges, B., Hagenfeld, L. & López-Moliner, J. (2018, May 18-23) *Moderate Influence of Certainty about Target Size on Visual Gravity Judgements* [Poster Session]. 2018 Annual Meeting of the Vision Sciences Society, St. Pete Beach, Florida, USA

- Jörges, B. & López-Moliner, J. (2017, August 27-31) *Decision Variables in Visual Gravity Judgements: Evidence from Simulating the Decision Process* [Poster Session]. European Conference on Visual Perception 2017, Berlin, Germany
- Jörges, B. (2017, June 22) *Nothing New under the Sun: Problem of Induction Still not Solved* [Poster Session]. Middle European Interdisciplinary Conference in Cognitive Science 2017, Budapest, Hungary
- Jörges, B. & López-Moliner, J. (2017, May 19-24) *Temporal derivative of the elevation angle as a cue for visually perceived gravity* [Poster Session]. Annual Meeting of the Vision Sciences Society, St. Pete Beach, Florida, USA
- Jörges, B. & López-Moliner, J. (2016, November 30 - December 1) *Temporal derivative of the elevation angle as a cue for visually perceived gravity* [Poster Session]. 2nd PhD Workshop of the Institute of Neuroscience 2016, University of Barcelona, Barcelona, Spain
- Jörges, B., Hoogland, D., & Fischer, B. (2016, November 18-19) *Do Scientific Convictions Serve as a Buffer against Death Anxiety?* [Oral Presentation]. 2016 Workshop on Experimental Philosophy of the Berlin School of Mind and Brain, Berlin, Germany

Administrative and Leadership Experience

- Member of the Organizing Committee for PRISMA Conference 2021 on LGBTIQA+ Diversity in Science, Technology and Innovation in Valencia, Spain, and for PRISMA Conferencia 2022 in Barcelona, Spain
- Co-Administrator of the York University VR Participant Registry (2021-present)
- Member of the Vision Science Society's Student/Postdoc Advisory Committee (2020–2022), including:
- Board Liaison (2021-2022)
 - Chair (2022)
- Chair of the Organizing Committee for PRISMA Conference 2020 on LGBTIQA+ Diversity in Science, Technology and Innovation, planned for November 2020 in Madrid, Spain & Online
- Director for Science and Research in the Spanish Association for LGBTIQA+ Individuals in Science, Technology and Innovation PRISMA (2019–present)
- Member of the 3rd PhD Workshop of the Institute of Neuroscience (2018) PhD committee at University of Barcelona in Barcelona, Spain
- Main Organizer of the 1st LGBTQ+ in STEM Day at University of Barcelona, in Barcelona, Spain (2018)
- Member of the 2nd PhD Workshop of the Institute of Neuroscience (2017) PhD committee at University of Barcelona in Barcelona, Spain
- Member of the Council of the Department of Cognition, Development and Psychology of Education (2016-2019) at University of Barcelona in Barcelona, Spain

Teaching and Mentoring

Instructor of PSYC3010 Intermediate Research Methods at York University (Fall 2022)
Practical part of a seminar on the Basics of Visual Perception (10-12/2017 and 10-12/2018)
Mentoring of several prospective PhD students at the Harris lab, York University, Toronto, Canada

Internships, Summer Schools and other Training

PhD Research Internships with Myrka Zago at Santa Lucia Foundation, Rome, Italy, developing a project on motion time discrimination for gravitational parabolic movement (July–October 2017 and September/October 2018)
Selected participant in 4th Summer School on Statistical Methods for Linguistics and Psychology, Bayesian Inference track, University of Potsdam, Potsdam, Germany (September 7–11 2020)
Attendee at the PsychoPy Workshop, York University, Toronto (2019, November 18)
Attendee at the science advocacy workshop “Standing Up for Science”, Barcelona, Spain (2018, November 30)
Improving your Statistical Inferences (online course by Daniel Lakens)

Funding

Travel Award ACI 2017-2 (400 EUR) issued by the Institute of Neuroscience, University of Barcelona, Spain, for participation in the European Conference for Visual Perception 2018 in Berlin, Germany
PhD scholarship “Ajuts per a la contractació de personal 753 investigador novell (FI-2016)” (14400 EUR/year) from the Catalan government for a period of three years (2016 – 2019)
ERASMUS scholarship (600 EUR) for an exchange to Universidade do Porto, Porto, Portugal (2010)
ERASMUS scholarship (480 EUR) for an exchange to Universidad Pablo de Olavide, Seville, Spain (2009/2010)

Professional Memberships

[Vision Sciences Society](#)

[PRISMA – Asociación para la Diversidad Afectivo-Sexual y de Género en Ciencia, Tecnología e Innovación](#)

[Out in Science, Technology, Engineering, and Mathematics \(oSTEM\)](#)

Media Appearances

Interview about the importance of queer perspectives in Science, Technology and Innovation in the Spanish online newspaper “El Salto Diario” (September 2019)

Author of several publications on the Cognitive Science blog Cognitive.Cat (2014 & 2015)

Skills

Languages: German (Native), English/Spanish/Portuguese (near Native), Catalan/Italian (Proficient), French (Basic knowledge)

Data analysis: R (Expert), Julia (Proficient)

Data Management and Code Versioning: Git/GitHub (Proficient), Open Science Foundation (Competent)

Experimental Control Flow: Unity and C# (Expert), Python/PsychoPy (Proficient)

Non-Academic Professional Experience

Freelance Translator (English, Spanish and Portuguese into German) for internal and customer-facing business communication (March 2014 – March 2016)

Foreign Language Specialist, Webmaster and Marketing Writer at Keramik-im-Hof, Salz, Germany (July 2012 – September 2014)

Translation of Portuguese Government Declarations for the Political Economy of Reforms SFB 884, University of Mannheim (December 2010 – August 2011)

Further Information

Member of the LGBTIQA2S+ volleyball league Toronto Spartan Volleyball League (starting 2020)

Member of the LGBTQ+ sports organization Panteres Grogues (2013 – 2019) in Barcelona, Spain, including participation as competitive player in the 2nd Division of the Catalan Volleyball League (2016 – 2019)