



Protected when completed

This is a draft version only. Do not submit to any funding organization. Only the final version from the History page can be submitted.

Dr. Laurence Harris

Correspondence language: English

Contact Information

The primary information is denoted by (*)

Address

Courier

Room 009 Lassonde Building
Centre for Vision Research
York University
4700 Keele St
Toronto Ontario M3J 1P3
Canada

Primary Affiliation (*)

Dept Psychology
York University
4700 Keele Street
Toronto Ontario M3J 1P3
Canada

Telephone

Fax	1-416-7365814
Mobile	1-416-7049688
Work (*)	1-416-7362100 extension: 66108

Email

Work (*)	harris@yorku.ca
----------	--



This is a draft version only. Do not submit to any funding organization. Only the final version from the History page can be submitted.

Protected when completed

Dr. Laurence Harris

Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	Yes
French	No	No	No	No	No

Degrees

- 1978/6 Doctorate, Physiology and Psychology, Cambridge University, United Kingdom
Supervisors: Colin Blakemore, 1974/7 - 1978/6
- 1976/6 Master's non-Thesis, Physiology and Psychology, Cambridge University, United Kingdom
Supervisors: Colin Blakemore, 1974/7 - 1978/6
- 1974/6 Bachelor's, Natural Sciences, Cambridge University, United Kingdom

Recognitions

- 2017/5 York Research Chair in Multisensory Integration
York University
Honor
York Research Chair in Multisensory Integration

User Profile

Research Specialization Keywords: auditory localization, eye movements, head movements, Multisensory integration, neuroscience, self motion perception, sensory physiology, spatial representation, vestibular system, virtual reality, visual psychophysics

Employment

- 1996/1 Full Professor
Psychology, York University, York University
Full-time, Professor
Tenure Status: Tenure
- 2011/7 - 2021/7 Director of the Centre for Vision Research
Psychology, York University, York University
Full-time, Term, Professor
Tenure Status: Tenure

2006/7 - 2009/7	Department Chair Psychology, York University, York University Full-time, Term, Professor Tenure Status: Tenure
1999/3 - 1999/10	Visiting Professor Neurology, Tuebingen University
1990/1 - 1996/1	Associate Professor Psychology, York University, York University Full-time, Associate Professor Tenure Status: Tenure
1989/1 - 1990/1	Visiting Professor Otology and Laryngology, Harvard University Part-time, Visiting Professorship Tenure Status: Non Tenure Track
1983/6 - 1990/1	Tenured Lecturer Physiology, Cardiff University, Cardiff University Full-time Tenure Status: Tenure
1987/3 - 1987/9	Visiting Professor Physiologische Institut, Freie Universitat Berlin Part-time, Visiting Professorship Tenure Status: Non Tenure Track
1985/3 - 1985/9	Visiting Professor Dept Psychology, Calgary University
1983/3 - 1983/9	Visiting Professor Max-Planck-Institute for Biological Cybernetics
1980/1 - 1983/6	Postdoctoral Fellow or Associate Psychology, University of Durham Full-time Tenure Status: Non Tenure Track
1978/5 - 1980/1	Postdoctoral Fellow or Associate Psychology, Dalhousie University Full-time Tenure Status: Non Tenure Track

Research Funding History

Awarded [n=9]

2022/3 - 2027/3 Co-applicant	Collaborative Technology for Healthy Living, Grant Funding Sources: York University Interdisciplinary Research Total Funding - 450,000 Portion of Funding Received - 90,000 Funding Competitive?: Yes Principal Investigator : Rob Allison
2020/3 - 2025/3 Principal Applicant	Multisensory perception: effects of self-motion and orientation, Grant

Funding Sources:

Natural Sciences and Engineering Research Council of Canada (NSERC)
 Discovery grant
 Total Funding - 275,000
 Portion of Funding Received - 275,000
 Funding Competitive?: Yes

2021/9 - 2023/9
 Principal Applicant

The effect of long duration hypogravity on the perception of self-motion (extension), Grant

Funding Sources:

Canadian Space Agency (CSA)
 Research grant
 Total Funding - 243,613
 Portion of Funding Received - 243,613
 Funding Competitive?: Yes

2016/3 - 2023/3
 Co-investigator

Vision: Science to Applications, Grant

Funding Sources:

Canadian First Research Excellence Fund
 Research grant
 Total Funding - 33,000,000
 Portion of Funding Received - 200,000
 Funding Competitive?: Yes

2017/9 - 2022/9
 Principal Investigator

York Research Chair in Multisensory Integration, Research Chair

Funding Sources:

York University
 VISTA
 Total Funding - 250,000
 Portion of Funding Received - 250,000
 Funding Competitive?: Yes

2019/7 - 2021/6
 Co-investigator

Self-motion under gravity (parabolic flights), Grant

Funding Sources:

German Aerospace Research Centre (DLR)
 Research grant
 Total Funding - 240,000
 Portion of Funding Received - 0
 Funding Competitive?: Yes

Co-investigator : Michael Jenkin; Nils Bury;

Principal Investigator : Rainer Herpers

2015/3 - 2021/4
 Principal Applicant

The effect of long duration hypogravity on the perception of self-motion, Grant

Funding Sources:

Canadian Space Agency (CSA)
 Research grant
 Total Funding - 795,000
 Portion of Funding Received - 795,000
 Funding Competitive?: Yes

2017/9 - 2020/3
 Principal Investigator

Using your senses optimally to support safe mobility: Visual-vestibular integration, adaptation and learning in younger and older adults, Grant

Funding Sources:

Canada First Research Excellence Fun
 VISTA

Total Funding - 50,000
 Portion of Funding Received - 50,000
 Funding Competitive?: Yes

Co-investigator : Denise Henriques; Jennifer Campos

2019/1 - 2020/1
 Co-investigator

Virtual-Reality-based vestibular-related-disease evaluation and rehabilitation toolset, Grant

Funding Sources:

Canada First Research Excellence Fun
 VISTA

Total Funding - 50,000
 Portion of Funding Received - 50,000
 Funding Competitive?: Yes

Principal Investigator : Michael Jenkin

Completed [n=3]

2013/6 - 2019/6
 Principal Investigator

Full field vision and orientation, Grant

Funding Sources:

Canada Foundation for Innovation (CFI)
 Leaders Opportunity Fund

Total Funding - 2,261,746
 Portion of Funding Received - 2,261,746
 Funding Competitive?: Yes

2014/2 - 2019/3
 Co-investigator

The Brain in Action CREATE, Grant

Funding Sources:

Natural Sciences and Engineering Research Council of Canada (NSERC)
 CREATE

Total Funding - 1,650,000
 Portion of Funding Received - 165,000
 Funding Competitive?: Yes

Co-investigator : 8 others;

Principal Investigator : Doug Crawford

2016/3 - 2018/4
 Co-investigator

Investigation of self orientation under different gravity states, Grant

Funding Sources:

Deutsche Zentrum für Luft und Raumfahrt (DLR)
 Research grant

Total Funding - 250,000
 Portion of Funding Received - 250,000
 Funding Competitive?: Yes

Co-investigator : Michael Jenkin;

Principal Investigator : Rainer Herpers

Under Review [n=1]

2022/1 - 2024/1
 Co-investigator

Vection after Microgravity Exposure (VAME), Contract

Funding Sources:

European Space Agency
 pre-post-orbit testing opportunity

Total Funding - 0
 Portion of Funding Received - 0

Funding Competitive?: Yes

Co-investigator : Michael Jenkin; Nils Bury; Rob Allison; Stephen Palmitano;

Principal Investigator : Rainer Herpers

Student/Postdoctoral Supervision

Bachelor's [n=1]

2022/8 - 2023/5 Fatemeh Ghasemi (Completed) , York University
Principal Supervisor Thesis/Project Title: Eye height and depth
Present Position: undergrad, York University

Bachelor's Honours [n=12]

2022/8 - 2023/5 Erva Ark (In Progress) , York University
Principal Supervisor Student Degree Expected Date: 2023/5
Thesis/Project Title: Perception of tilt
Present Position: undergrad, York University

2020/9 - 2021/5 Sonia Nwoye-Vincent (Completed) , York University
Principal Supervisor Thesis/Project Title: Visual Hallucinations
Present Position: unknown

2019/9 - 2020/5 Sepideh Yasiniyan (Completed) , York University
Principal Supervisor Thesis/Project Title: Illusions of the body
Present Position: Undergraduate student, York University

2019/9 - 2020/5 Rachel Phan (Completed) , York University
Principal Supervisor Thesis/Project Title: Interaction between colour and perceived size
Present Position: Undergraduate student, York University

2018/9 - 2019/5 Mehdi Hussain (Completed) , York University
Principal Supervisor Thesis/Project Title: Measuring visual reorientation illusions
Present Position: unknown

2018/9 - 2017/5 Molly Gilbson (Completed) , York University
Principal Supervisor Thesis/Project Title: Perception of self motion: heading direction in the vertical plane
Present Position: unknown

2018/9 - 2019/5 Kelly Hanninen (Completed) , York University
Principal Supervisor Thesis/Project Title: Developing an app for stroke victims
Present Position: unknown

2018/8 - 2019/5 Fara Khan (Completed) , York University
Principal Supervisor Thesis/Project Title: Virtual Reality in Healthcare
Present Position: unknown

2017/9 - 2018/5 Deborah Alexe (Completed) , York University
Principal Supervisor Thesis/Project Title: Adapting body perception
Present Position: grad school, University of Toronto

2017/9 - 2018/5 Martin Faskhoodi (Completed) , York University
Co-Supervisor Thesis/Project Title: Hippocampus and visual memory
Present Position: sales assistant, Bell

2017/7 - 2018/5 Isabella Lim (Completed) , York University
Principal Supervisor Thesis/Project Title: Galvanic vestibular stimulation and body perception
Present Position: Graduate School, University of Toronto

2016/7 - 2017/5 Jong-Jin Kim (Completed) , York University
Principal Supervisor Thesis/Project Title: Distance perception during self-motion
Present Position: Graduate School, York University

Master's Thesis [n=5]

2023/9 - 2025/5 Fatemeh Ghasemi (In Progress) , York University
Principal Supervisor Student Degree Expected Date: 2025/5
Thesis/Project Title: The effect of vestibular stimulation on the perception of time.
Present Position: MSc Student, York University

2022/9 - 2024/12 Anita Pandey (In Progress) , York University
Principal Supervisor Student Degree Expected Date: 2024/12
Thesis/Project Title: Perception of motion in 3D
Present Position: MA student, York University

2022/1 - 2024/5 Rachel Phan (In Progress) , York University
Principal Supervisor Student Degree Expected Date: 2024/5
Thesis/Project Title: The representation of gravity in the visual system
Present Position: MA student, York University

2017/9 - 2019/8 Jongjin (John) Kim (Completed) , York University
Principal Supervisor Thesis/Project Title: Perception during movement
Present Position: PhD student, York University

2015/9 - 2017/8 Yasmeenah Elzein (Completed) , York University
Principal Supervisor Thesis/Project Title: Detecting objects during self motion
Present Position: working for CAMH, CAMH

Doctorate [n=9]

2022/8 - 2022/12 Pierre-Pascal Forster (In Progress) , Giessen University, Germany
Co-Supervisor Student Degree Expected Date: 2023/5
Thesis/Project Title: Frames of reference
Present Position: PhD student, Giessen University

2022/8 - 2022/12 Elef Schellen (In Progress) , Giessen University, Germany
Co-Supervisor Student Degree Expected Date: 2023/5
Thesis/Project Title: Perception of tilt
Present Position: PhD student, Giessen University

2019/9 - 2023/9 Lee Williams Boudakian (In Progress) , York University
Co-Supervisor Student Degree Expected Date: 2023/9
Thesis/Project Title: Social consequences of the future of Virtual and Augmented reality.
Present Position: PhD student, York University

2019/9 - 2023/9 John Jong-Jin Kim (In Progress) , York University
Principal Supervisor Student Degree Expected Date: 2024/9
Thesis/Project Title: The perception of self motion
Present Position: PhD student, York University

2019/7 - 2024/9 Ambika Bansal (In Progress) , York University
Principal Supervisor Student Degree Expected Date: 2024/9
Thesis/Project Title: The perception of self-motion in different directions
Present Position: PhD student, York University

- 2014/9 - 2019/8
Principal Supervisor Lindsey Fraser (Completed) , York University
Thesis/Project Title: The perception of the human hand
Present Position: Research and sales, VPixx
- 2014/9 - 2020/12
Principal Supervisor Sarah D'Amour (Completed) , York University
Thesis/Project Title: Body Representation
Present Position: PhD Student
- 2014/9 - 2020/9
Principal Supervisor Meaghan McManus (Completed) , York University
Thesis/Project Title: Vestibular contributions to perception
Present Position: Post doc, Giessen University
- 2014/6 - 2017/6
Co-Supervisor Ezgi Arikan (Completed) , Marburg University, Germany
Thesis/Project Title: The perceived timing of actions
Present Position: post doc, Univ Marburg

Post-doctorate [n=3]

- 2021/7 - 2026/7
Co-Supervisor Radeleh Haji Gholam Saryazdi (Completed) , University of Toronto and York University
Thesis/Project Title: Facilitating Communication Through a Multisensory VR Intervention for Persons with Dementia
Present Position: Post doc, University of Toronto and York University
- 2019/10 - 2023/1
Principal Supervisor Björn Jörges (In Progress) , York University
Student Degree Expected Date: 2023/9
Thesis/Project Title: Perception of self motion in space
Present Position: post doc, York University
- 2017/11 - 2020/7
Principal Supervisor Nils Bury (Completed) , York University
Thesis/Project Title: Effects of microgravity on self motion
Present Position: Post doc research associate, York University and Bonn Rhein Sieg University

Research Associate [n=2]

- 2020/9 - 2026/9
Co-Supervisor Nils Bury (Completed) , Bonn Rhein Sieg University
Thesis/Project Title: The effect of parabolic flight on the perception of self-motion
Present Position: Post doc research associate, Bonn Rein Sieg University
- 2020/7 - 2022/7
Principal Supervisor Huong (Rachel) Phan (Completed) , York University
Thesis/Project Title: Perception of multisensory and visual perception
Present Position: Research Associate, York University

Event Administration

- 2020/11 - 2022/11 co-organiser, Canadian Space Health Research, Conference, 2022/11 - 2022/11
- 2021/2 - 2021/2 co-organiser, Vestibular Oriented Research 2021, Conference, 2021/2 - 2021/2
- 2019/6 - 2019/6 organizer, Predictive vision, Conference, 2019/6 - 2019/6
- 2018/1 - 2018/8 organiser, International Multisensory Research Forum, Conference, 2018/6 - 2018/6
- 2017/6 - 2017/6 organizer, Vision in the real world, Conference, 2017/6 - 2017/6

Editorial Activities

- 2015/6 - 2050/6 Action Editor, i-Perception, Journal

2015/5 - 2050/6	Action Editor, Perception, Journal
2012/6 - 2050/6	Editor in Chief, Multisensory Research, Journal
2021/5 - 2022/10	Editor, Frontiers, Special issue on the Vestibular systems role in time and space, Journal

International Collaboration Activities

2012/9 - 2024/9	co-investigator, Germany collaboration with Prof Rainer Herpers (Bonn-Rein-Sieg) on experiments using the ESA short-arm centrifuge
2018/1 - 2022/9	co-investigator, Germany Microgravity flights
2016/6 - 2022/6	co-investigator, United Kingdom Project in Cardiff on perception during self motion

Committee Memberships

2016/5	Committee Member, CIHR college of reviewers, Canadian Institutes of Health Research Panel for assessing grants
2000/1	Committee Member, Grant Review Committee, National Aeronautics and Space Administration (NASA) Reviews NASA and NSBRI grants on an annual basis

Other Memberships

2010/6	Member, International Multisensory Research Forum Member of the scientific advisor committee
2000/6	Member, Vision Sciences Society society for promoting vision science
2000/5	member, Society for Neuroscience society for the promotion of neuroscience

Broadcast Interviews

2018/12/03 - 2018/12/03	Experiments in space, Arlene Bynon Show, Sirius XM
2018/12/03 - 2018/12/03	VECTION space experiments, Newschannel with Merella Fernandez, CTV
2018/12/02 - 2018/12/02	VECTION space experiments, Philip Lee Shanock, CBC
2018/11/29 - 2018/11/29	Visual Illusions, Timeline Magazine, Fairchild TV
2017/05/29 - 2017/05/29	Face perception, Quirks and Quarks, CBC

2016/11/24 - 2016/11/24	Space experiments, City News, CITY
2016/11/23 - 2016/11/23	York Tumbling Room, Daily Planet, Discovery
2016/11/23 - 2016/11/23	York Tumbling Room, Daily Vice, Vice TV
2016/11/23 - 2016/11/23	York Tumbling Room, Global News, Global
2016/11/23 - 2016/11/23	York equipment, Breakfast Television, MSN

Text Interviews

2018/12/07	Space Experiments, Globe and Mail Dec 7
------------	---

Publications

Journal Articles

1. Gray HG, Tchao D, Lewis-Fung S, Pardini S, Harris LR, Appel L. (2023). Virtual Reality Therapy for People with Epilepsy and Related Anxiety: Protocol for a 3-Phase Pilot Clinical Trial. *Journal of Medical Internet Research*. 12: e41523.
Published
Refereed?: Yes, Open Access?: Yes
2. Phan, M H, Harris LR, Kingdom F. (2023). A perceptual bias in the perception of falling objects. *Perception*.
Revision Requested
Refereed?: Yes, Open Access?: Yes
3. Jörges B, Harris LR. (2023). The impact of visually simulated self-motion on predicting object motion—A registered report protocol. *PLOS ONE*. 18(1): e0267983.
Published
Refereed?: Yes, Open Access?: Yes
4. Samantha Lewis-Fung; Danielle Tchao; Hannah Gray; Emma Nguyen; Susanna Pardini; Laurence R. Harris; Dale Calabria; Lora Appel. (2023). Designing Virtual Reality Exposure Scenarios to Treat Anxiety in People with Epilepsy: Phase 2 of the AnxEpiVR Clinical Trial. *Frontiers in Virtual Reality Special issue. Virtual Reality in Industry: Spotlight on Women*.4(10): 3389.
Published
Refereed?: Yes, Open Access?: Yes
5. Kamila Kolpashnikova, Laurence R. Harris, Shital Desai. (2023). Fear of falling: Scoping review and topic analysis using natural language processing. *PLOS ONE*.
Revision Requested
Refereed?: Yes, Open Access?: Yes
6. Barkasi M, Clouser L, Harris LR. (2023). Ultra-responsive, low-dimensional unfamiliar movement sonification guides unconstrained reaches to invisible targets in 3D space. *PLOS ONE*.
Submitted
Refereed?: Yes, Open Access?: Yes

7. Danielle Tchao; Samantha Lewis-Fung; Hannah Gray; Susanna Pardini; Laurence R. Harris; Lora Appel. (2023). Describing Epilepsy-Related Anxiety to Inform the Design of a Virtual Reality Exposure Therapy: Results from Phase 1 of the AnxEpiVR Clinical Trial. *Epilepsy & Behavior Reports*. 21: 100588.
Published
Refereed?: Yes, Open Access?: Yes
8. Jenkin H Jenkin M, Harris LR, Herpers R. (2023). Neutral buoyancy and the static perception of upright. *Nature microgravity*. 9(52)
Published
Refereed?: Yes, Open Access?: Yes
9. Ghasemi F, Harris LR, Jörges B. (2023). Variation in Simulated Eye-Height Impacts Size Perception Differently Depending on Real-Life,. *Scientific Reports*.
Revision Requested
Refereed?: Yes, Open Access?: Yes
10. McManus, M Harris, LR. (2023). Enhancement of visual cues to self-motion during a visual/vestibular conflict. *PLOS ONE*. 18(3): e0282975.
Published
Refereed?: Yes
11. Bansal, A., McManus M., Harris LR. (2023). Perceived travel distance depends on the speed and direction of self-motion. *PLOS ONE*. PONE-D-23-33254
Submitted
Refereed?: Yes
12. Bury N, Jenkin M, Allison RA, Herpers R, Harris LR. (2023). Vection underwater: neutral buoyancy as an analog for microgravity. *Nature Microgravity*. 9(42)
Published
Refereed?: Yes, Open Access?: Yes
13. D'Amour, S Lim, YI Harris, LR. (2022). Vestibular Disruption Makes Own-Face Perception More Accurate. *Multisensory Research*. 0: 0.
Revision Requested
Refereed?: Yes, Open Access?: Yes
14. Jörges, B Harris, LR. (2022). Object Speed Perception During Lateral Self-Motion. *Attention, Perception and Psychophysics*. 84(1): 25-46.
Published
Refereed?: Yes, Open Access?: Yes
15. Gabriel, GA Harris, LR Gnanasegaram, J Cushing, S Gordon, K Haycock, B Pichora-Fuller, MK Campos, JL. (2022). Vestibular Perceptual Thresholds in Older Adults with and without Age-Related Hearing Loss. *Ear and Hearing*. 43(2): 420-435.
Published
Refereed?: Yes, Open Access?: Yes
16. Kim, J McManus, M Harris, LR. (2022). Body Orientation Affects the Perceived Size of Objects. *Perception*. 51(1): 25-36.
Published
Refereed?: Yes, Open Access?: Yes
17. Harris, LR Jenkin, M Herpers, R. (2022). Long-duration head down bed rest as an analog of microgravity: Effects on the static perception of upright. *Journal of Vestibular Research*. 32(4): 325-340.
Published
Refereed?: Yes, Open Access?: Yes

18. D'Amour S, Alexe D, Harris LR. (2022). Changes in the internal representation of the body following exposure to distorted self-body images. *Royal Society Open Science*. 9: 201722.
Published
Refereed?: Yes
19. Gabriel GA, Harris LR, Henriques DYP, Pandi M, Campos JL. (2022). The Effect of Training on Visual-Vestibular Heading Judgements in Older and Younger Adults. *Frontiers in aging neuroscience*. 14: 816512.
Published
Refereed?: Yes, Open Access?: Yes
20. Kim J, Harris LR. (2022). Can People Infer Distance in a 2D Scene Using the Visual Size and Position of an Object?. *Vision*. 6: 25.
Published
Refereed?: Yes, Open Access?: Yes
21. D'Amour S, Alexe D, Harris LR. (2022). Changes in the internal representation of the body following exposure to distorted self-body images. *Royal Society Open Science*. 9: 210722.
Published
Refereed?: Yes, Open Access?: Yes
22. D'Amour, S Harris, LR Berti, S Keshavarz, B. (2021). The role of cognitive factors and personality traits in the perception of illusory self-motion (vection). *Attention, Perception and Psychophysics*. 83: 1804-1817.
Published
Refereed?: Yes, Open Access?: Yes
23. Gabriel GA, Harris LR, Gnanasegaram J, Cushing S, Gordon K, Haycock B, Campos JL. (2021). Age-Related Changes to Vestibular Heave and Pitch Perception and Associations with Postural Control. *Scientific Reports*. 12: 6426.
Published
Refereed?: Yes, Open Access?: Yes
24. McManus, M Harris, LR. (2021). When gravity is not where it should be: How perceived orientation affects visual self-motion processing. *PLoS ONE*. 16(1): e0243381.
Published
Refereed?: Yes, Open Access?: Yes
25. Harris, LR Jenkin, M Herpers, R. (2021). The effect of long-duration head down bed rest as an analog of microgravity on the perception of up. *Journal of Vestibular Research*. 0: 0-0.
Revision Requested
Refereed?: Yes, Open Access?: Yes
26. D'Amour S*, Harris LR. (2020). The perceived size of the implicit representation of the hand and palm. *PLoS ONE*. 23(15(3)): e0230624.
Published
Refereed?: Yes, Open Access?: Yes
27. Lauzon AP*, Russo FA, Harris LR. (2020). The Influence of Rhythm on Detection of Auditory and Vibrotactile Asynchrony. *Experimental Brain Research*. 238: 825-832.
Published
Refereed?: Yes, Open Access?: Yes
28. Bury, N Jenkin, M Allison, RS Harris, LR. (2020). Perceiving jittering self-motion in a field of lollipops from ages 4 to 95. *PLoS ONE*. 15(10): e0241087.
Published
Refereed?: Yes, Open Access?: Yes
29. Adjindji, A Kuo, C Mikal, G Harris, LR Jenkin, M. (2020). Vestibular damage assessment and therapy using virtual reality. *Augmented Reality, Virtual Reality, and Computer Graphics*. 2: 156-164.
Published
Refereed?: Yes, Open Access?: No

30. Gibson M*, McManus M*, Kim J-J*, Harris LR. (2020). The Effect of Training on Vertical Heading Discrimination in a Virtual Environment. *Experimental Brain Research*. 238: 1861-1869.
Published
Refereed?: Yes
31. Harris, LR. (2020). Does the vestibular system exert specific or general influences on cognitive processes?. *Cognitive Neuropsychology*. 37(7-8): 430-432.
Published
Refereed?: Yes, Open Access?: Yes
32. Chen J, McManus M*, Valsecchi M, Harris LR, Gegenfurtner K. (2019). Steady-state visually evoked potentials reveal partial size constancy in early visual cortex. *Journal of Vision*. 19(8): 0-0.
Published
Refereed?: Yes, Open Access?: Yes
33. Uhlmann L*, Pazen M, van Kemenade BM, Steinsträter O, Harris LR, Kircher T, Straube B. (2019). Seeing your own vs. another hand moving in accordance with your action: The neural interaction of agency and hand identity. *Human Brain Mapping*. 41(9): 2474-2489.
Published
Refereed?: Yes, Open Access?: Yes
34. Mansfield A, Taati B, Danells CJ, Fraser LE*, Harris LR, Campos JL. (2019). Postural orientation with conflicting visual and graviceptive cues to 'upright' among individuals with and without a history of post-stroke 'pushing'. *Neurologie & Rehabilitation*. 25: S26-32.
Published
Refereed?: Yes, Open Access?: No
35. Toth A, Harris LR, Bent LR. (2019). Visual feedback is not necessary for recalibrating the vestibular contribution to the dynamic phase of a perturbation recovery response. *Experimental Brain Research*. 237: 2185-2196.
Published
Refereed?: Yes, Open Access?: No
36. D'Amour S*, Harris LR. (2019). The representation of body size: Variations with viewpoint and gender. *Frontiers in Psychology*. 10: 2805.
Published
Refereed?: Yes, Open Access?: Yes
37. Moro S*, Harris LR. (2018). Vestibular-somatosensory interactions affect the perceived timing of tactile stimuli. *Experimental Brain Research*. 236: 2877-2885.
Published
Refereed?: Yes, Open Access?: No
38. Fraser LE*, Mansfield A, Harris LR, Merino D, Knorr S, Campos JL. (2018). The weighting of cues to upright following stroke with and without a history of pushing. *The Canadian Journal of Neurological Sciences*. 45: 405-414.
Published
Refereed?: Yes, Open Access?: Yes
39. Harris LR, Jenkin M, Jenkin H, Zacher JE, Dyde RT*. (2017). The effect of long-term exposure to microgravity on the perception of upright. *Nature Partner Journal: Microgravity*. 3(3): 0-0.
Published
Refereed?: Yes, Open Access?: Yes
40. McManus M*, D'Amour S*, Harris LR. (2017). Using optic flow in the far peripheral field. *Journal of Vision*. 17(8:3): 1-11.
Published
Refereed?: Yes, Open Access?: Yes

41. Harris LR, Sakurai K, Beaudot WHA. (2017). Tactile Flow overrides other cues to self motion. *Scientific Reports*. 7: 1059.
Published
Refereed?: Yes, Open Access?: Yes
42. Arikan, BE* van Kemenade, BM Straube, B Harris, LR Kircher, T. (2017). Voluntary and involuntary movements widen the window of subjective simultaneity. *I-Perception*. 8(4): 1-20.
Published
Refereed?: Yes, Open Access?: Yes
43. Straube B, van Kemenade BM, Arikan BE*, Fiehler K, Leube D, Harris LR, Kircher T. (2017). Predicting the multisensory consequences of one's own action: BOLD suppression effects in auditory and visual cortices. *PLoS ONE*. 6(12(1)): e0169131.
Published
Refereed?: Yes, Open Access?: Yes
44. D'Amour S*, Harris LR. (2017). Perceived face size in healthy adults. *PLoS ONE*. 12(5): e0177349.
Published
Refereed?: Yes, Open Access?: Yes
45. Toth AJ, Harris LR, Zettel J, Bent LR. (2017). Vision can recalibrate the vestibular reafference signal used to re-establish postural equilibrium following a platform perturbation. *Experimental Brain Research*. 235: 407-414.
Published
Refereed?: Yes, Open Access?: No
46. Fraser LE*, Harris LR. (2017). The effect of hand position on perceived finger orientation in left- and right-handers. *Experimental Brain Research*. 235(12): 3683-3693.
Submitted
Refereed?: Yes, Open Access?: No

Journal Issues

1. Clement, Gilles, Denise, Pierre, Harris, Laurence, Alcantara-Thome, M., Miguel-Puga, J. A., Jauregui-Renaud, K Arshad, Q., Saman, Y., Sharif, M., Kaski, D., Staab, J. P, Bernard-Espina, J., Dal Canto, D., Beraneck, M., McIntyre, J., and Tagliabue, M., Delle Monache, S., Indovina, I., Zago, M., Daprati, E., Lacquaniti, F., and Bosco, G., Kwon, E., Lee, J.-Y., Song, J.-M., Kim, H.-J., Lee, J.-H., Choi, J.-Y., and Kim, J.-S., Stapel, J. C., and Medendorp, W. P., Tekgün, E., and Erdeniz, B., Utegaliyev, N., von Castell, C., and Hecht, H. Wagner, A. R., Kobel, M. J., and Merfeld, D. M. Yakushin, S. B., Raphan, T., and Cho, C. (2022). Role of the vestibular system in the perception of time and space. *Frontiers in Integrative Neuroscience*. 16
Published
Refereed?: Yes, Open Access?: Yes
Editors: Clement, Gilles Denise, Pierre Harris, Laurence

Books

1. Ferré, ER Harris, LR. (2017). *Vestibular Cognition*. Ferré, ER Harris, LR.
Published, Brill
Refereed?: Yes

Book Chapters

1. Harris LR. (2021). The perception of Self-orientation. Braddick OJ. *Oxford Research Encyclopedia of Psychology*. : unknown.
Accepted, Oxford University Press
Refereed?: Yes

2. Hoover, AEN Harris, LR. (2017). Disrupting vestibular activity disrupts body ownership. Ferré, ER Harris, LR. Vestibular Cognition. : 189-198.
Published, Brill
Refereed?: Yes
3. Ferré, ER Harris, LR. (2017). Vestibular Cognition. Ferré, ER Harris, LR. Vestibular Cognition. : 1-4.
Published, Brill
Refereed?: Yes

Conference Publications

1. John J.-J. Kim, Pierre-Pascal Forster, & Laurence R. Harris. (2023). People Separate Allocentric and Egocentric Cues to Judge Orientation of their Surroundings and the Self. Journal of Vision. <https://doi.org/10.1167/jov.23.9.5170>. Vision Sciences Society, St Petersburg, United States of America
Conference Date: 2023/5
Abstract
Published
Refereed?: Yes, Invited?: No
2. Jörges B, Harris LR. (2023). Does the Aubert-Fleischl phenomenon affect perceived object speed in realistic virtual scenes?. Journal of Vision. <https://doi.org/10.1167/jov.23.9.5043>. Vision Sciences Society, St Petersburg, United States of America
Conference Date: 2023/5
Abstract
Published
Refereed?: Yes, Invited?: No
3. Bansal A, McManus M, Harris LR. (2023). The Effects of Environmental Structure and Texture on Perceived Travel Distance. Journal of Vision. :<https://doi.org/10.1167/jov.23.9.5075>. Vision Sciences Society, St Petersburg, United States of America
Conference Date: 2023/5
Abstract
Published
Refereed?: Yes, Invited?: No
4. Jörges B, Harris LR. (2022). Motion Prediction is Biased by Visually Simulated Self-Motion. J Vision <https://doi.org/10.1167/jov.22.14.3094>. Vision Sciences Society, St Petersburg, United States of America (22.14)
Conference Date: 2022/5
Abstract
Published
Refereed?: Yes, Invited?: No
5. Kim J, Harris LR. (2022). Familiar objects affect size and distance judgements differently when viewing an object in a 2D scene. Journal of Vision. <https://doi.org/10.1167/jov.22.14.3094>. Vision Sciences Society, St Petersburg, United States of America (4274)
Conference Date: 2022/5
Abstract
Published
Refereed?: Yes, Invited?: No
6. Phan H, Harris LR, Kim J, Kingdom F. (2022). Downwards versus upwards motion - more Aristotelian than we think. Journal of Vision. <https://doi.org/10.1167/jov.22.14.3094>. Vision Sciences Society, St Petersburg, Virgin Islands, United States (22.14)
Conference Date: 2022/5
Abstract
Published
Refereed?: Yes, Invited?: No

7. Jörges B, Bury N, McManus M, Allison RS, Jenkin M, Harris LR. (2021). Body posture affects the perception of visually simulated self-motion. *Journal of Vision* <https://doi.org/10.1167/jov.21.9.2301>. Vision Sciences Society Annual Meeting 2021, Saint Petersburg, United States of America (21, 2301)
Conference Date: 2021/5
Abstract
Published
Refereed?: Yes, Invited?: No
8. Kim J, Harris LR. (2021). How far away is your phone in this picture? Determining object distance and size in a 2D scene. *Journal of Vision* <https://doi.org/10.1167/jov.21.9.2580>. Vision Sciences Society, Saint Petersburg, United States of America (21, 2580)
Conference Date: 2021/5
Abstract
Published
Refereed?: Yes, Invited?: No
9. McManus M, Harris LR. (2021). Down weighting gravity during a VR-induced visual reorientation illusion. *Journal of Vision*. Vision Sciences Society, Saint Petersburg, United States of America
Conference Date: 2021/5
Abstract
In Press
Refereed?: Yes, Invited?: No
10. Kim JJ, Harris LR. (2020). Updating using visual and vestibular cues during linear lateral translation. *Journal of Vestibular Research* 30 (2). Vestibular Oriented Research Meeting, Toronto, Canada (P-9)
Conference Date: 2020/6
Abstract
Published
Refereed?: Yes, Invited?: No
11. Jörges B, Harris LR. (2020). Incomplete compensation for self-motion in the visual perception of object velocity during a visual-vestibular conflict. *Journal of Vestibular Research* 30 (2). Vestibular Oriented Research Meeting, Toronto, Canada (p-7)
Conference Date: 2020/5
Abstract
Published
Refereed?: Yes, Invited?: No
12. Kim JJ, Gibson M, McManus M, Harris LR. (2020). The Effect of Training on Vertical Heading Discrimination in a Simulated Environment. *Journal of Vision*, <https://doi.org/10.1167/jov.20.11.888>. Vision Sciences Society, Saint Petersburg, United States of America (888)
Conference Date: 2020/5
Abstract
Published
Refereed?: Yes, Invited?: No
13. McManus M, Harris LR. (2020). Contributions of vision, gravity, and the body during misestimations of orientation. *Journal of Vision* <https://doi.org/10.1167/jov.20.11.886>. Vision Sciences Society, Saint Petersburg, United States of America (886)
Conference Date: 2020/5
Abstract
Published
Refereed?: Yes, Invited?: No

14. McManus M, Harris LR. (2020). How real and perceived tilt affect visual weighting. *Journal of Vestibular Research* 30 (2). Vestibular Oriented Research Meeting, Toronto, Canada (O-16)
Conference Date: 2020/5
Abstract
Published
Refereed?: Yes, Invited?: No
15. Jörges B, Harris LR. (2020). Incomplete compensation for visual self-motion in the perception of object velocity. *Journal of Vision*, <https://doi.org/10.1167/jov.20.11.1464>. Vision Sciences Society, Saint Petersburg, United States of America (1464)
Conference Date: 2020/5
Abstract
Published
Refereed?: Yes, Invited?: No
16. Adjindji A, Kuo C, Mikal G, Harris LR, Jenkin M. (2020). Vestibular damage assessment and therapy using virtual reality. *Augmented Reality, Virtual Reality, and Computer Graphics. Part II. 7th International Conference, AVR 2020, Italy* (156-164)
Conference Date: 2020/5
Paper
Published
Refereed?: Yes, Invited?: No
17. Gabriel GA, Harris LR, Henriques DYP, Pandi M, Shewaga R, Campos JL. (2019). The Impact of Training on Measures of Balance and Visual-Vestibular Integration. *Journal of Vestibular Research* 30 (2). Vestibular Oriented Research Meeting, Toronto, Canada (P-5)
Conference Date: 2020/5
Abstract
Published
Refereed?: Yes, Invited?: No
18. Bury N*, Hussain M*, McManus M*, Harris LR. (2019). Visual Reorientation Illusions on Earth – comparison of different assessment techniques. *Society for Neuroscience. Society for Neuroscience, Chicago, United States of America*
Conference Date: 2019/11
Abstract
Accepted
Refereed?: No, Invited?: No
19. McManus M*, Harris LR. (2019). When gravity is not where it should be: effects on perceived self-motion. *Journal of Vision*, <https://doi.org/10.1167/19.10.237>. Vision Sciences Society, Saint Petersburg, United States of America (237)
Conference Date: 2019/5
Abstract
Published
Refereed?: Yes, Invited?: No
20. Kim J*, Harris LR. (2019). Updating the position of eccentric targets during visually-induced lateral motion. *Journal of Vision*, <https://doi.org/10.1167/19.10.302>. Vision Sciences Society, Saint Petersburg, United States of America (302)
Conference Date: 2019/5
Abstract
Published
Refereed?: Yes, Invited?: No

21. Herpers R, Harris LR, McManus M * Hofhammer T, Noppe A, Frett T, Jenkin M Scherfgen D. (2018). The somatogravic illusion during centrifugation: sex differences. *Frontiers in Psychology*. 39th ISGP Meeting & ESA Life Sciences Meeting, Noordwijk, Netherlands (10.3389)
Conference Date: 2018/6
Paper
Published
Refereed?: Yes, Invited?: No
22. McManus M*, Chen J, Harris LR, Gegenfurtner K. (2018). The Neural Correlate Of Size Constancy Measured With SSVEP In Virtual Reality. *Journal of Vision*. Vision Sciences Society, Saint Petersburg, United States of America (18, 254)
Conference Date: 2018/5
Abstract
Published
Refereed?: Yes, Invited?: No
23. Kim J*, Harris LR. (2018). Perceived size during visually simulated self-motion. *Journal of Vision*. Vision Sciences Society, Saint Petersburg, United States of America (Vol.18, 792.)
Conference Date: 2018/5
Abstract
Published
Refereed?: Yes, Invited?: No
24. Harris LR, Felsner S, Jenkin M, Herpers R, Noppe A, Frett T, Scherfgen D. (2018). Gender bias in the influence of gravity on perception. *Vision*. *Journal of Vision*. Vision Sciences Society, Saint Petersburg, United States of America (Vol.18, 793.)
Conference Date: 2018/5
Abstract
Published
Refereed?: Yes, Invited?: No