

Mallory E. Terry, M.Sc.

PhD Candidate, Visual Attention Lab
Department of Psychology, University of Guelph
50 Stone Rd E, Guelph, ON, Canada, N1G 2W1

Email: terry@uoguelph.ca
Lab website: <https://drivelab.uoguelph.ca/>

CURRICULUM VITAE

EDUCATION

2020 – present	Ph.D. Neuroscience & Applied Cognitive Science, Neuroscience Specialization University of Guelph, Visual Attention and DRiVE Lab Advisor: Dr. Lana M. Trick Advisory committee: Dr. Naseem Al-Aidroos, Dr. Lori Ann Vallis Working thesis: Are the cognitive mechanisms employed in multiple-object tracking (MOT) intrinsic in touching specific items among others?
Fall 2023	Visiting Research Fellow University of Geneva, Brain and Learning Lab Advisor: Dr. Daphné Bavelier
2018 – 2020	M.Sc. Neuroscience and Applied Cognitive Science, Neuroscience Specialization University of Guelph, Visual Attention and DRiVE Lab Advisor: Dr. Lana M. Trick Advisory committee: Dr. Naseem Al-Aidroos, Dr. Christopher Fiacconi
2013 – 2017	B.Sc. Psychology: Brain and Cognition, Minor in Neuroscience University of Guelph, Visual Attention and DRiVE Lab Advisor: Dr. Lana Trick

FUNDING, SCHOLARSHIPS, & AWARDS

2024	Braithwaite Conference Travel Grant (\$3,500)
2023	Mitacs Globalink Research Award (\$6,000)
2023-2024	Ontario Graduate Scholarship (\$15,000)
2023	University of Geneva Excellence Scholarship Holder
2021	Department of Psychology Memorial Scholarship (\$500)
2020-2023	CSAHS Deans' Tri-Council Scholarship (\$15,000)
2020-2023	NSERC PGS-D (\$63,000)
2020	Board of Graduate Studies Research Scholarship (\$2,000)
2019	CSAHS Dean's Growth Fund Research Assistantship (\$8,750)
2019	CSAHS Dean's Scholarship (\$2,500)
2016, 2017	Dean's Honours List
2013	University of Guelph Entrance Scholarship (\$2,000)

PEER REVIEWED PUBLICATIONS

Terry, M. E., & Trick, L. M. (*under review*). Multiple-object tracking and visually guided action: the role of action plan overlap.

Terry, M. E., Amelio, V., & Trick, L. M. (2023). Action matters! Target report technique affects interference between visually guided touch and multiple-object tracking. *Visual Cognition*, 31(7), 533-541. <https://doi-org.subzero.lib.uoguelph.ca/10.1080/13506285.2024.2315793>

Terry, M. E., Shulman, D., & Vallis, L. A. (2023). What is the role of sustained visual attention in the maintenance of postural control in young adults? *Experimental Psychology*, 70(4), 232-240. <https://doi-org.subzero.lib.uoguelph.ca/10.1027/1618-3169/a000592>

Terry, M. E., & Trick, L. M. (2022). Visually guided computer-mouse clicking interferes with multiple-object tracking (MOT). *Current Research in Behavioral Sciences*, 3, 100077. <https://doi.org/10.1016/j.crbeha.2022.100077>

Terry, M. E., & Trick, L. M. (2021). Multiple-object tracking and visually guided touch. *Attention, Perception & Psychophysics*, 83(5), 1907-1927. <https://doi.org/10.3758/s13414-021-02291-4>

Hardy, N. L. A., Terry, M., & Trick, L. M. (2019). Visual search does not always predict performance in tasks that require finding targets among distractors: the case of line-ending illusory contours. *Acta Psychologica*, 198, 210-218. <https://doi.org/10.1016/j.actpsy.2019.102870>

REFEREED CONFERENCE PRESENTATIONS (*denotes presenting author)

Nguyen, A., Scheltienne, M., Joessel, F., de Renty, C., Thiam., S., ***Terry, M.E.**, Bavelier, D., & Hillyard, S. *Uncovering the neural markers of flow*. (2024, April). *Interdisciplinary Psychology Graduate Symposium*, University of Guelph, Ontario, Canada.

***Terry, M.E.**, Woodward-Smith, O., & Trick, L.M. (2023, July). Does touching items in multiple-object tracking increase their likelihood of later being reported as targets? *Canadian Society for Brain, Behaviour, and Cognitive Science 32nd Annual Meeting*, Guelph, Ontario, Canada.

***Terry, M.E.**, & Trick, L.M. (2023, April). Does object tracking prepare us for action? *Interdisciplinary Psychology Graduate Symposium*, University of Guelph, Ontario, Canada.

***Terry, M.E.**, Marmer, R., & Trick, L.M. (2022, May 6). Investigating the role of target enhancement and distractor inhibition in multiple-object tracking (MOT) and visually guided touch. *15th Annual University of Guelph Neuroscience Research Day*, University of Guelph, Ontario, Canada.

*Marmer, R., **Terry, M.E.**, & Trick, L.M. (2022). How does visually guided touch impact multiple-object tracking (MOT) performance? *Interdisciplinary Psychology Graduate Symposium*, University of Guelph, Virtual Meeting.

REFEREED CONFERENCE POSTER PRESENTATIONS (*denotes presenting author)

***Terry, M.E.**, & Trick, L.M. (2024, November). Attentional prioritization of targets in multiple-object tracking (MOT) and visually guided touch is driven by target selection rather than action plans. *Object Perception, Attention, and Memory 32nd Annual Meeting*, New York City, USA.

***Terry, M.E.**, & Trick, L.M. (2024, August). Why does touch interfere differentially with multiple-object tracking? *European Conference on Visual Perception*, Aberdeen, Scotland.

***Terry, M.E., & Trick, L.M. (2024, May).** Sometimes more (overlap) is better! Action plan overlap impacts the interference between visually guided touch and multiple-object tracking (MOT). *Annual Meeting of the Vision Science Society*, St. Pete Beach, Florida, USA.

***Terry, M.E., & Trick, L.M. (2023, May).** Multiple-object tracking and visually guided actions. *16th Annual University of Guelph Neuroscience Research Day*, Guelph, ON, Canada.

Terry, M.E., *Geraets-Rose, M. & Trick, L.M. (2023, July). How does touching targets and distractors in multiple-object tracking impact performance? *Canadian Society for Brain, Behaviour, and Cognitive Science 32nd Annual Meeting*, Guelph, ON, Canada.

***Terry, M.E., & Trick, L.M. (2023, May).** Multiple-object tracking (MOT) and visually guided actions: comparing change detection and localized touch to targets vs. distractors in MOT. *Annual Meeting of the Vision Science Society*, St. Pete Beach, Florida, USA.

***Terry, M.E., Geraets-Rose, M. & Trick, L.M. (2022, November).** Can participants accurately touch endogenously cued targets or distractors while multiple-object tracking (MOT)? *Psychonomic Society 63rd Annual Meeting*, Boston, MA, USA.

***Terry, M.E., Amelio, V., & Trick, L.M. (2022, July).** Multiple-object tracking (MOT) interferes differentially with visually guided touch, even when reporting techniques involve different response modalities. *Canadian Society for Brain, Behaviour, and Cognitive Science 31st Annual Meeting*, Halifax, NS, Canada.

***Terry, M.E., Marmer, R., & Trick, L.M. (2022, May 14).** Multiple-object tracking (MOT) and visually guided touch: Distractor inhibition or target excitation? *Annual Meeting of the Vision Science Society*, St. Pete Beach, Florida, USA.

***Terry, M.E., & Trick, L.M. (2021, November).** The relationship between multiple-object tracking (MOT) and visually guided computer mouse pointing. *Psychonomic Society 62nd Annual Meeting*, Virtual Meeting.

***Terry, M.E., & Trick, L.M. (2021).** How does attentional tracking impact response time in a sequence of touches? *Canadian Society for Brain, Behaviour, and Cognitive Science 30th Annual Meeting*, Virtual Meeting hosted by Concordia and McGill Universities.

***Terry, M.E., & Trick, L.M. (2021, May).** Faster the second time? The effect of attentional tracking on response times (RT) in a sequence of touches. *14th Annual University of Guelph Neuroscience Research Day*, Virtual Meeting.

***Terry, M.E., & Trick, L.M. (2020, November).** Does Visually Guided Touch Interfere with Multiple-Object Tracking (MOT)? *Psychonomic Society 61st Annual Meeting*, Virtual Meeting.

***Terry, M.E., Thornton, I.M., & Trick, L.M. (2019, November).** Exogenously-Directed Touch Can Interfere with Performance on the Multiple-Object Tracking Task. *Psychonomic Society 60th Annual Meeting*, Montreal, QC, Canada.

***Terry, M.E., Thornton, I.M., & Trick, L.M. (2019, June).** The Effects of Exogenously-Directed Touch on Multiple-Object Tracking. *Canadian Society for Brain, Behaviour, and Cognitive Science 29th Annual Meeting*, Waterloo, ON, Canada.

***Terry, M.E.**, Thornton, I.M., & Trick, L.M. (2019, May). How Does Exogenously-Directed Touch Impact Multiple-Object Tracking? *University of Guelph Neuroscience Day 13th Annual Meeting*, Guelph, ON, Canada.

***Trick, L. M., & Terry, M.** (2017, November). The Effects of Endogenously-Directed Touch on Multiple-Object Tracking. *Psychonomic Society 58th Annual Meeting*, Vancouver, BC, Canada.

***Terry, M.** (2017, May). The Effect of Touch on Multiple-Object Tracking Performance. *Ontario Undergraduate Honours Thesis Conference*, Ottawa, ON, Canada.

RESEARCH POSITIONS

09/ 2019 – Present	Lab manager for Dr. Lana Trick's Visual Attention Lab, Department of Psychology, University of Guelph, ON, Canada <ul style="list-style-type: none">• Supervise independent study and honours thesis students• Train incoming students on data collection procedures• Facilitate multi-disciplinary collaborations with researchers in Computer Science and Engineering• Organize lab space scheduling and equipment logistics
08/2023 – 12/2023	Visiting Research Fellow in Dr. Daphné Bavelier's Brain and Learning lab, Faculty of Psychology and Educational Sciences, University of Geneva, Geneva, Switzerland <ul style="list-style-type: none">• <i>Project:</i> uncovering the neural markers of flow• 100+ hours of EEG data collection• 100+ hours of data processing and signal cleaning (e.g., ICA selection, annotations)• Analysis and visualizations of behavioural data• Exploration and validation of video game level assignment paradigm
01/2020 – 12/2022	Collaborator with Dr. Lori Ann Vallis' biomechanics lab, Department of Human Health & Nutritional Sciences, University of Guelph <ul style="list-style-type: none">• <i>Project:</i> investigating the dual-task impacts of multiple-object tracking and quiet standing on postural control• Conceptualization, participant recruitment, data collection and analysis, writing• Analyzed kinematic and kinematic data using a force plate and <i>OptiTrack</i> software
2017 – 2018	Research Coordinator for study entitled "Do participants really know the location of the target in visual search?" for Ph.D. student Natasha Dienes <ul style="list-style-type: none">• Conceptualization, participant recruitment, data collection, data cleaning and analysis preparation
2017 – 2018	Research Assistant for Dr. Paula Barata's Women's Health Research Lab, Department of Psychology, University of Guelph <ul style="list-style-type: none">• Weekly journal club meetings• Data transcription and analysis (i.e., inter-rater reliability)• Modified coding schemes and instructions in response to reliability measures
2016 – 2018	Research Assistant for Dr. Lana Trick's Visual Attention Lab and DRiVE lab, Department of Psychology, University of Guelph

- Pilot testing, participant recruitment and scheduling, data collection, OKTAL immersive driving simulator
- 2016 - 2017 Honours Thesis Student in Dr. Lana Trick's Visual Attention Lab
- Conceptualization and design, literature review, data collection and analysis, dissemination in written thesis and poster presentation
- 2014 Research Intern for Dr. Mary Ellen Thompson, Private Practice in Speech, Language, and Cognitive-Communication
- Projects: "Strategies that Promote Moving Forward After Traumatic Brain Injury" and "Acquired Brain Injury: A Unique Journey"
 - Conceptualization, data collection, dissemination of findings in oral presentation
 - Hands on experience conducting research in a clinical, community setting

TEACHING EXPERIENCE (TA = teaching assistant)

Sessional Instructor

2024 Sensation and Perception (1 term; 200 students, 3 TAs), University of Guelph

Seminar Instructor

2024 Psychological Methods and Statistics (1 term, 30 students), University of Guelph
 2018 - 2024 Statistical Analyses in Psych. (8 terms, 30 students/term), University of Guelph
 2019 Foundational Skills in Psych. (1 term, 30 students), University of Guelph

Teaching Assistant (TA) Coordinator/ Instructor Support

2024 Introduction to Psychology (1 term, 600 students, 4 TAs), University of Guelph
 2023 Making Sense of Data (1 term, 200 students, 3 TAs), University of Guelph
 2021 Foundational Skills in Psych. (1 term, 200 students, 10 TAs), University of Guelph

Teaching Assistant

2019 – 2024 Introduction to Psychology (4 terms, 600 students/term)
 2022 Social Psychology (1 term, 300 students)
 2022 Practical Skills in Psychology (1 term, 100 4th year students)
 2018 Cognitive Neuroscience (1 term, 200 students)

MENTORING & SUPERVISION

2022-2023 Martin Gerats-Rose, Olivia Woodward-Smith; Co-supervision for Honours thesis project students

2021-2023 Mentor, Girls SySTEM mentorship program, *virtual*.

2021-2022 Rachel Marmer; NEUR 4401/02 student; Co-supervision with Dr. Lana Trick; *How does visually guided touch impact multiple-object tracking performance?*, University of Guelph, Guelph, ON

Vanessa Amelio; NEUR 4401/02 student; Co-supervision with Dr. Lana Trick; *Multiple-object tracking and how it is affected by using a different method of target report*, University of Guelph, Guelph, ON

02/2021 – 09/2021 Advisor, Action Potential Advising Program, Simply Neuroscience, *virtual*.

09/2019 – 08/2020 Mentor, Neuroscience and Applied Cognitive Science Mentorship Program for Graduate students, University of Guelph, Guelph, ON

2016 – 2018 Mentor, Psychology Student Mentorship Program for Undergraduate students; University of Guelph, Guelph, ON

DEPARTMENT AND UNIVERSITY SERVICE

Conference organization

2023 Canadian Society for Brain Behaviour and Cognitive Science (CSBBCS) Annual Meeting, July 2023

2019 – present Psychology Graduate Student Interdisciplinary Conference, University of Guelph, ON, Canada

Invited Panelist

04/2022 Panelist representing Psychology PhD students at the GSA Networking Conference

10/2021 “Applying to graduate school in Psychology” Event by the Psychology Department Equity, Diversity and Inclusion Committee, University of Guelph, ON

Representative

10/2021 – Present Psychology Graduate Student Representative, Department of Psychology, University of Guelph, ON

09/2019 – Present Psychology Representative, Graduate Student Advisory Board for the College of Social and Applied Human Sciences, University of Guelph, ON

11/2018 Neuroscience Representative, Fall Preview Day, University of Guelph, ON

Other Service Roles

05/2019 – Present Reviewer, Studies by Undergraduate Researchers at Guelph (SURG), University of Guelph, ON

09/2018 – present Coordinator, Psychology Graduate Student Association (PGSA), University of Guelph, Guelph, ON

09/2021 – 09/2022 Treasurer, Psychology Graduate Student Association (PGSA), University of Guelph, Guelph, ON

03/2022 Presentation judge for University of Guelph International Women’s Day Conference

11/2020 – 06/2021 Journal Club Co-facilitator, Psychology Graduate Student Association, University of Guelph, Guelph, ON

CERTIFICATIONS

09/2022	EHS Workers Health and Safety Awareness Training
09/2022	Accessible Service Provision, University of Guelph online module
09/2022	Making Education Accessible, University of Guelph online module
04/2022	Graduate Research Project Management, University of Guelph, Office of Research
02/2020	Laboratory Safety, University of Guelph
02/2020	Supervisor Awareness & Due Diligence Training, University of Guelph
02/2019	Neurorehabilitation (Level 1), Brock University in affiliation with the Ontario Brain Injury Association (OBIA)
09/2017	Child and Youth with Acquired Brain Injury (Level 1), Brock University in affiliation with the Ontario Brain Injury Association (OBIA)
04/2017	safeTALK: Suicide Alertness Training
10/2015	Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course on Research Ethics (TCPS 2: CORE), University of Guelph

RELEVANT EMPLOYMENT HISTORY

11/2021 – 08/2023	Part-time Data Analyst for the Institutional Research and Planning Department, University of Guelph, Guelph, ON
10/2017 – 10/2019	Multiple Sclerosis Care Attendant, Private Homecare, Guelph, ON
04/2018 – 08/2018	Special Projects Coordinator, Brain Injury Association Quinte District, Belleville, ON
12/2017 – 05/2018	Early Childhood Educator Assistant, Little Learners Child Care Centre, Guelph, ON
10/2014 – 08/2018	Elementary and High School Student Tutoring, Private, Guelph, ON, and Belleville, ON
04/2017 – 08/2017	Special Projects Coordinator, Brain Injury Association Quinte District, Belleville, ON
04/2014 – 06/2014	Speech-Language Pathologist Assistant, Dr. Mary-Ellen Thompson Private Practice in Speech-language, and cognitive communication, Belleville, ON