

Dr. Jason Locklin, Ph.D.

Research Officer
Research and Organizational Transformation
Waterloo Region District School Board
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PROFILE SUMMARY

Education Research Project Management and Organizational Transformation

Innovative community research with large-scale research projects and skilled knowledge translation. Project management skills, complemented with a high degree of technical expertise in research design, ethics protocols, measurement theory, advanced qualitative and quantitative statistical analysis, including the translation of complex data to accessible and actionable insights to support and achieve organizational goals.

EDUCATION

University of Waterloo:

Ph.D., Psychology, Behavioural and Cognitive Neuroscience 2015

- Dissertation: *Perceptual and Memory Deficits in Unilateral Neglect*
- Area of Study: Stroke, Perception, and Memory.

M.A., Psychology, Behavioural and Cognitive Neuroscience 2009

- Thesis: *Development of a Measure of Visuomotor Control for Assessing the Long-term Effects of Concussion*
- Area of Study: Fine Motor Control, Concussion Research.

B.Sc. (Honours), Psychology, Biology (minor) 2007

- Course load including strong mix of Psychology with Natural and Life Sciences.

PROFESSIONAL EXPERIENCE

Research Officer, Waterloo Region District School Board 2018 to Present

- Lead development and implementation of system-level measurements to enhance educational outcomes and operational efficiency.
- Maintain and utilize a student demographic data tool to support equity goals and resource allocation.
- Collaborate with administrators to provide actionable data insights, improving program effectiveness and student well-being.
- Manage large research projects from conception to completion, employing quantitative and qualitative methods for data collection, analysis, and knowledge translation.
- Oversee a district-wide longitudinal student well-being research project, producing analytics and data visualizations with R.
- Conduct professional development workshops on integrating research data into school leadership strategies.
- Lead projects on student and staff well-being, from planning and data collection to communication of results.

Research Associate, Centre for Family Medicine 2016 - 2018

- Developed and evaluated primary-care programs for dementia and geriatric issues in a multidisciplinary team.
- Managed a pilot frailty screening measure and created a collaboration for screening patients 75+ years old.
- Refined screening measures based on field testing and evaluated clinician improvements in confidence and competence.
- Trained and supervised co-op students and volunteer research assistants.

Statistical Consultant, Centre for Family Medicine 2016

- Analyzed identity-based and clinical data, including data cleaning and visualization with R, to evaluate primary care procedures.

Graduate and Undergraduate Research Employment, Department of Psychology, University of Waterloo:

Research Assistant; Perception, action and brain injury. 2007 - 2015
Research Assistant; Decision making. 2007
Research Assistant; Psychophysics. 2005 - 2006
Laboratory Coordinator; Attention and clinical depression. 2005 - 2006
Research Assistant; Attention and clinical depression. (volunteer) 2004 - 2005

AFFILIATIONS

Member, Association of Educational Researchers of Ontario 2018 - 2024
Member, Danckert Attention and Action Group 2008 - 2015
Advisory Council, Bad Science Watch 2012
Member, Vision Sciences Society 2006

SERVICE
ACTIVITIES

Executive Member at Large, Association of Educational Researchers of Ontario (AERO-AOCE) 2023 - Present
Host/Facilitator, AERO-AOCE Fall Conference 2023
Host/Facilitator, AERO-AOCE Spring Special Interest Group 2023
Science Advisor, Advisory Committee: Bad Science Watch. 2012
President: U.W. Undergraduate Psychology Society. 2005 - 2007

PROFESSIONAL
DEVELOPMENT

Project Management Professional (PMP) Certification; PMI In-Progress
Leading for Change: Understanding Colonialism, Human Rights and Equity;
WRDSB 2024
WRDSB Microsoft Power BI Hands-On Training; Go Analytics 2023
The Scientist Knowledge Translation Training (SKTT™) course; SickKids 2018

PUBLICATIONS

Refereed:

Lee, L., **Locklin, J.**, Patel, T., Lu, S. K., Hillier, L. M. (2022) Recruitment of participants for dementia research: interprofessional perspectives from primary care-based memory clinics. *Neurodegenerative Disease Management*. 12 (3), 117-127 doi:10.2217/nmt-2021-0053

Lee, L., Hillier, L., **Locklin, J.**, Lee, J., Slonim, K. (2019) Advanced care planning for persons with dementia in primary care: Attitudes and barriers among health-care professionals. *Journal of palliative care*, 34 (4), 248-254. doi:10.1177/0825859718812463

Lee, L., Hillier, L., **Locklin, J.**, Lumley-Leger, K., Molnar, F. (2019) Specialist and family physician collaboration: Insights from primary care-based memory clinics. *Health & Social Care in the Community*. 27 (4), e522-e533. doi:10.1111/hsc.12751

Lee, L., Patel, T., **Locklin, J.**, Milligan, J., Pefanis, J., Costa, A., Lee, J., Slonim, K., Giangregorio, L., Hunter, S., Keller, H., Boscart, V. (2018). Frailty screening and case-finding for complex chronic conditions in older adults in primary care. *Geriatrics*, 3 (3), 39. doi:10.3390/geriatrics3030039

Locklin, J. (2015). *Perceptual and Memory Deficits in Unilateral Neglect*. (Dissertation, University of Waterloo, Waterloo, Canada).

Retrieve from hdl.handle.net/10012/9590

Locklin, J., Bunn, L., Roy, E. & Danckert, J. (2010). Measuring Deficits in Visually Guided Action Post-Concussion. *Sports Medicine*, 40, 183-187. doi:10.2165/11319440-000000000-00000

Locklin, J. (2009). *Development of a measure of visuomotor control for assessing the long-term effects of concussion*. (Master's thesis, University of Waterloo, Waterloo, Canada).

Retrieve from hdl.handle.net/10012/4740

Striemer, C., **Locklin, J.**, Blangero, A., Rossetti, Y., Pisella, L. & Danckert, J. (2008). Attention for action? Examining the link between attention and visuomotor control deficits in a patient with optic ataxia. *Neuropsychologia*, 47, 1491-1499. doi:10.1016/j.neuropsychologia.2008.12.021

Non-Refereed:

2022-2023 Safe, Caring and Inclusive School Survey – Summary Report (2024). Public report produced by the Waterloo Region District School Board. Retrieve from wrdsb.ca/about-the-wrdsb/research/reports/scis/2022-2023-safe-caring-and-inclusive-school-survey-summary-report/

Newman, G., Duffy, C., Powell, A., Gray, R., & **Locklin, J.** (2012). Position Paper on Electromagnetic Hypersensitivity (Idiopathic Environmental Intolerance Attributed to Electromagnetic Fields). Canada: *Bad Science Watch*.

Retrieve from www.badsiencewatch.ca/projects/investigation-of-anti-wifi-activism-in-canada

Locklin, J., & Danckert, J. (2010). Do we have Independent Visual Streams for Perception and Action? a Response. Preprint.

Retrieve from cogprints.org/6854/

Locklin, J., Danckert, J. (2009). Changes in Visuomotor Performance of Concussed Individuals. Poster. Abstract published in *Journal of Vision*, 9:8, 1103-1103. doi:10.1167/9.8.1103

Law, A., McCabe, S., **Locklin, J.**, Tan, C., & Morris, S. (2006). Perceptions of social rank as a predictor of anger and depression symptoms. Poster presented at the Graduate Student Research Conference, University of Waterloo, Waterloo, Canada.