

LEV TANKELEVITCH

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EDUCATION

- 2014 — **PhD in Neuroscience, University of Oxford**
Present Scholarship awarded for academic merit by Clarendon Fund, Somerville College, Medical Sciences DTC
Thesis title: *The effects of reward-driven learning on selective attention*
Supervisors: *Dr. Mark Stokes, Prof. Matthew Rushworth*
- 2013 — **MSc in Neuroscience, University of Oxford**
2014 Awarded with *Distinction*
Scholarship awarded for academic merit by Clarendon Fund, Somerville College, Medical Sciences DTC
- 2009 — **BSc in Psychology Research, University of Toronto**
2013 CGPA: 3.96/4.00, awarded with *High Distinction*

RESEARCH EXPERIENCE

- 2014 — **Decision and Action Lab, Department of Experimental Psychology, University of Oxford**
Present
 - Designing and programming behavioural tasks
 - fMRI, MRS data acquisition
 - Behavioural training of rhesus macaques
 - Analysing and modeling data
- 2014 — **Attention Group, Department of Experimental Psychology, University of Oxford**
Present
 - Designing and programming behavioural tasks
 - Analysing and modeling data
 - Eye-tracking, MEG, MRI data acquisition
- 2014 **Walton Lab, Department of Experimental Psychology, University of Oxford**
 - Trained rodents on behavioural tasks
 - Performed brain histology
 - Acquired fast-scan cyclic voltammetry data
 - Analysed data
- 2012 — **Affect and Cognition Lab, Department of Psychology, University of Toronto**
2013
 - Designed and programmed behavioural tasks
 - Analysed data
 - Acquired eye-tracking data
- 2010 — **Memory and Perception Lab, Department of Psychology, University of Toronto**
2012
 - Designed and programmed behavioural tasks
 - Acquired eye-tracking data
 - Administered neuropsychological batteries
 - Analysed data

POSTER PRESENTATIONS

- Tankelevitch, L.***, Spaak, E., Rushworth, M.F.S., & Stokes, M.G. (2016). The neural basis of reward-driven attentional capture. *Poster. Society for Neuroscience 2016*. San Diego, USA.
- Tankelevitch, L.***, Rushworth, M.F.S., & Stokes, M.G. (2015). Behavioural and cortical dynamics of reward-driven attentional capture. *Poster. Society for Neuroscience 2015*. Chicago, USA.
- Tankelevitch, L.***, Syed, E., Brown, P., Magill, P.J. & Walton, M.E. (2014). Dopamine: reward prediction in action. *Poster. Oxford Neuroscience Symposium 2014*. Oxford, United Kingdom.
- Tankelevitch, L.***, Yeung, L.K., Kendall, W. & Barense, M.D. (2012). Using conjunctions to process ambiguous scenes: An eye-tracking study. *Poster. Southern Ontario Neuroscience Association*. Toronto, Canada.

SCIENCE COMMUNICATION EXPERIENCE

- 2017 **“Just a Touch”** [\[Link\]](#)
Short science film, winner Best National/International Film, Bristol Science Film Festival 2017

- 2017 **“Brain Aware”**
Public engagement stall, Oxford Museum of the History of Science
- 2017 **“Defending science by opening up: Lessons from Understanding Animal Research”** [\[Link\]](#)
Article, *Naturejobs*
- 2016 **“You’re a designer — act like one”** [\[Link\]](#)
Article, *Naturejobs*
- 2016 **“The ‘black box’ effect in science communication” (competition winner)** [\[Link\]](#)
Article, *Naturejobs*
- 2016 **“Jogging down memory lane: how your brain remembers special places”** [\[Link\]](#)
Blog post, *The Neurosphere*
- 2016 **“Get to know your brain!”** [\[Link\]](#)
Public engagement stall, *Oxfordshire Science Festival*
- 2016 **Magazine cover photo** [\[Link\]](#)
Phenotype Magazine
- 2016 **“Brain Power!”** [\[Link\]](#)
Public engagement stall, *Oxford Natural History Museum; Museum of the History of Science*
- 2015 **“An introduction to magnetoencephalography”**
Speaker at *University of Oxford's Work Experience Day*
- 2015 **“What does MEG measure?”** [\[Link\]](#)
Blog post for *Brain Metrics: Scitable (Nature Education)*

POLICY EXPERIENCE

- 2017 — **Polygeia**
Present Project lead, “Machine learning in healthcare”, co-sponsored by *Global eHealth Foundation*
- Team management
 - Research, data analysis, and policy design
 - Stakeholder engagement
 - Preliminary research published as evidence in Parliamentary inquiry on algorithms in decision-making [\[link\]](#)

AWARDS AND RECOGNITION

- 2015 Canadian Centennial Scholarship Fund
- 2014 Archibald Jackson Prize
- 2013 Robert S. Lockhart Graduation Award in Psychology
- 2012 NSERC Undergraduate Student Research Award
- 2012 John Davidson Ketchum Memorial Scholarship in Psychology
- 2011 George Mandler Research Fund, Department of Psychology
- 2011 Charles Lester Mills Scholarship in Science
- 2011-2012 New College Council Scholarship
- 2010-2012 Dean’s List Scholar in the Faculty of Arts and Science
- 2010-2012 Robert Bruce Scholarship

TECHNICAL SKILLS

- Graphic design** Adobe Illustrator/Photoshop, Google Sketchup 3D
- Coding and data analysis** Python, Matlab, Shell
- Data acquisition** MEG, EEG, fMRI (human and non-human primate), eye-tracking (human and non-human primate), MR spectroscopy, fast-scan cyclic voltammetry (rodents)
- Neuroimaging analysis software** FSL, SPM, Fieldtrip
- Other** Behavioural training of rodents and non-human primates, administering neuropsychological batteries (MMSE, SBT, MoCA)