

KYLE NEALY

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EDUCATION

2018 – CURRENT

PH.D. PSYCHOLOGY, UNIVERSITY OF TORONTO

Advisor: Dr. Katherine Duncan

2017 – 2018

M.A. PSYCHOLOGY, UNIVERSITY OF TORONTO

Advisor: Dr. Katherine Duncan

2011 – 2015

HB.SC. PSYCHOLOGY, ECONOMICS AND MATHEMATICS, UNIVERSITY OF TORONTO

RESEARCH EXPERIENCE

BAYCREST HEALTH SCIENCES

RESEARCH ASSISTANT

TMS, MEG, Data collection and analysis

OPENSOURCE SOFTWARE

OpenMaze: 3D Experiment Design

LEAD DEVELOPER

Unity based software package for creating 3D virtual navigation experiments

Website: <https://github.com/DuncanLab/OpenMaze>

ROADRage: Virtual Decision Making

LEAD DEVELOPER

Unity based software package for decision making tasks

Website: <https://github.com/DuncanLab/RoadRAGE>

DIY: Raspberry Pi Audio and Visual Timing

LEAD DEVELOPER

A *how-to* for creating a low-cost audio and visual timing device for psychophysics

TALKS

Nealy, K. Duncan, K. (April 2018) OpenMaze A New Tool for Creating 3D Virtual Experiments. Ebbinghaus Empire Series, Department of Psychology, University of Toronto.

Nealy, K. Duncan, K. (April 2019) Does the Temporal Proximity of Related Events Modulate their Integration in Memory? Ebbinghaus Empire Series, Department of Psychology, University of Toronto.

CONFERENCE PRESENTATIONS

Nealy, K. Duncan, K. (February 2019) Does the Temporal Proximity of Related Events Modulate their Integration in Memory? Lake Ontario Visionary Establishment, Niagara Falls, ON.

Nealy, K. Duncan, K. (May 2019) OpenMaze A New Tool for Creating 3D Virtual Experiments. Context and Episodic Memory Symposium, Philadelphia, PA.

AWARDS & GRANTS

2017 – 2022 University of Toronto Graduate Fellowship

TEACHING EXPERIENCE

Fall 2017	Teaching Assistant for PSY493: Cognitive Neuroscience
Winter 2018	Teaching Assistant for PSY493: Cognitive Neuroscience
Fall 2018	Teaching Assistant for PSY328: Psychology and the Law
Winter 2019	Teaching Assistant for PSY290: Physiological Psychology

PROFESSIONAL ACTIVITIES

2018-current	Co-organizer of the University of Toronto Psychology & Neuroscience Hackathon
2018-current	Peer Mentor for the Peer Mentorship Program, Department of Psychology
2017- 2018	Co-Vice-President, Psychology Graduate Students Association (PGSA)
2014-current	Educational Staff, Bluecoats Drum Corps, Canton, OH.

SOFTWARE SKILLS

- Data Analysis: *R, Python, FSL, Unix Shell*
- 3D Environment Task Development: *C#, Unity, OpenMaze*