

Y. DOUG DONG

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EDUCATION

McGill University Bachelor of Arts (Honours) Psychology & Computer Science (minor) First Class Honours Dean's Honours List	2019 – 2022 Montréal, QC
University of Alberta Psychology (major) & Computer Science (major)	2018 – 2019 Edmonton, AB

EMPLOYMENT

Lab Manager & Research Fellow The Otto Lab, Department of Psychology, McGill University Advisor: A. Ross Otto, Ph.D.	March 2022 – Current Montréal, QC
Research Fellow PERSONS Research Lab, Institut National de la Recherche Scientifique Advisor: Carolyn Côté-Lussier, Ph.D.	May 2022 – Current Montréal, QC
Summer Research Fellow Motor Neuroscience Laboratory, Department of Psychology, McGill University Advisor: David J. Ostry, Ph.D.	July – August 2021 Montréal, QC

HONOURS & AWARDS

\$5,600	Undergraduate Summer Research Fellowship	Institut National de la Recherche Scientifique	2022
\$5,250	Psychology Undergraduate Research Award Dean's Honour List (top 10%)	McGill University McGill University & University of Alberta	2021 2022-2018
\$9,000	Entrance Scholarship (partially accepted)	University of Alberta	2018

MANUSCRIPTS

- [1] **Dong, Y. D.***, Beierholm, U.*, Ebitz, B., & Otto, A. R. (*in prep*) Investigating saccade velocity as an index to opportunity cost contingent effort investment.
- [2] Otto, A. R., Heller, A., Devine, S., & **Dong, Y. D.** (*in prep*) Investigating the effect of incidental risk cues on affect.
- [3] **Dong, Y. D.**, David, J., & Côté-Lussier, C. (*in prep*) Who gets sent to jail: Decreased positive affect predicts punishment towards criminalized population.
- [4] Roy, E.*, **Dong, Y. D.***, Otto, A. R. & Axt J. (*in prep*) Halo effect from the eye: Fixation patterns reveal attractiveness bias.
- [5] da Silva Castanheira, K.*, **Dong, Y. D.***, Madan, C. & Otto, A. R. (*in prep*) Bridging the description-experience gap: Reference-based overweighting as an explanation for framing effects.

* *co-first author*

CONFERENCE PRESENTATIONS

- [1] **Dong, Y. D.**, da Silva Castanheira, K., Madan, C. & Otto, A. R. (September, 2021) Modelling reversed framing effects in experience: Reference-based overweighting of extreme outcomes as a learning mechanism. Poster presented at Society of Neuroeconomics 2021 Conference, virtual. [\[Abstract\]](#)
- [2] da Silva Castanheira, K., **Dong, Y. D.**, & Otto, A. R. (June, 2021) The overweighting of extreme events in reinforcement-learning leads to frame-dependent risk preferences. Talk presented at the MathPsych/ICCM 2021 Conference, virtual. [\[Abstract\]](#)

RESEARCH EXPERIENCE

Research Collaborator Intergroup Cognition Lab, Department of Psychology, McGill University Advisor: Jordan R. Axt, Ph.D.	July 2021 – Current Montréal, QC
Undergraduate Honours Researcher The Otto Lab, Department of Psychology, McGill University Advisor: A. Ross Otto, Ph.D. <i>Honours Thesis</i> : Context-dependent overweighting in reinforcement learning sways risk-preferences.	Aug 2020 – March 2022 Montréal, QC
Undergraduate Honours Researcher Cognitive Computing Lab, Department of Psychology, McGill University Advisor: Brendan T. Johns, Ph.D. <i>Honours Thesis</i> : Exploring the quality of diverse text sources in building lexical representations.	July – December 2021 Montréal, QC

TEACHING EXPERIENCE

Instructor & Organizer	Data Camp for Next-Generation Psychology Researchers, McGill University	Fall 2022
Teaching Assistant	PSYC 433: Cognitive Science, McGill University	Winter 2022

MISCELLANEOUS

Programming & Analysis	Python, R, Java, BASH, C, L ^A T _E X
Statistics	Model fitting, Reinforcement learning, Bayesian statistics, Machine learning, Multi-level modelling
Experiment	PsychoPy, Eyetracking (SR Eyelink 1000), Electromyography & Skin Conductance (BIOPAC)
Outside Academia	Montréal Marathon 2022 (4:09:38)