Y. Doug Dong

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Education

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

University of Alberta 2018 – 2019
Psychology (major) & Computer Science (major) Edmonton, AB

Employment

Lab Manager & Research Fellow March 2022 – Current
The Otto Lab, Department of Psychology, McGill University | Advisor: A. Ross Otto, Ph.D. Montréal, QC

Research Fellow May 2022 – Current
PERSONS Research Lab, Institut National de la Recherche Scientifique | Advisor: Carolyn Côté-Lussier, Ph.D. Montréal, QC

Summer Research Fellow July – August 2021
Motor Neuroscience Laboratory, Department of Psychology, McGill University | Advisor: David J. Ostry, Ph.D. Montréal, QC

Honours & Awards

$5,600	Undergraduate Summer Research Fellowship	Institut National de la Recherche Scientifique	2022
$5,250	Psychology Undergraduate Research Award	McGill University	2021
	Dean's Honour List (top 10%)	McGill University & University of Alberta	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.,** David, J., & Côté-Lussier, C. (June, 2023) Criminal Stereotypes Exacerbate Individual Dispositions to Punish Crime Harshly. Abstract submitted to Canadian Psychological Association (CPA) 2023 Conference & 5th North American Correctional and Criminal Justice Psychology Conference (NACCJPC), Toronto, Canada.
[2] **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]
[3] 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 July 2021 – Current
Intergroup Cognition Lab, Department of Psychology, McGill University | Advisor: Jordan R. Axt, Ph.D. Montréal, QC

Undergraduate Honours Researcher Aug 2020 – March 2022
The Otto Lab, Department of Psychology, McGill University | Advisor: A. Ross Otto, Ph.D. Montréal, QC
Honours Thesis: Context-dependent overweighting in reinforcement learning sways risk-preferences.

Undergraduate Honours Researcher July – December 2021
Cognitive Computing Lab, Department of Psychology, McGill University | Advisor: Brendan T. Johns, Ph.D. Montréal, QC
Honours Thesis: Exploring the quality of diverse text sources in building lexical representations.

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, LaTeX
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)