

Rebekka Lagacé-Cusiac

Western Interdisciplinary Research Building (WIRB)
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Education

Ph.D. Psychology (Cognitive, Developmental & Behavioural Sciences) Supervised by Jessica Grahn & Daniel Ansari University of Western Ontario	2021-present
M.Sc. Psychology (Cognitive, Developmental & Behavioural Sciences) Supervised by Jessica Grahn & Daniel Ansari University of Western Ontario	2019-2021
B.Sc. Cognitive Neuroscience (<i>Fundamental Orientation</i>) Université de Montréal	2016-2019
Double DCS (Diploma of College Studies) Natural sciences & Classical Music (<i>Alto Saxophone</i>) Lionel-Groulx College	2013-2016

Teaching experience

Teaching assistantship

Western University	
Neuroimaging of cognition	09/2021-12/2021
Data Science in Psychology	01/2021-04/2021
Neuroimaging of cognition	09/2020-12/2020
Research Methods and Statistical Analysis in Psychology	2019-2020
Université de Montréal	
Language and cognition	09/2018-12/2018

Guest lectures

Cognitive Neuroscience of Music, Western University	25/02/2020
<i>Talk: Dissociation between Musical and Monetary Reward Responses in Specific Music Anhedonia</i>	
Atypical Sensory Experience, Western University	02/12/2021
<i>Debate judge</i>	

Honor thesis co-supervision:

Seung Hyeck (Alex) Lee	2020-2021
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The Effect of Feedback and Contextual Interference on Learning Composers' Musical Styles

Online resources

Neuroimaging Web-Based Instruction (NEWBI) for fMRI (<http://www.newbi4fmri.com/>)
Contributed to design and implementation of widgets 2020-present

Other

Tutor, Collège Lionel-Groulx
Pre-Calculus & Calculus 2014-2015
Theory and ear training 2015-2016

Tutor, Kumon Ste-Thérèse 2010-2017
Math (Pre-K to calculus)
English as first and second language

Trampoline and gymnastics coach, Viagym 2012-2019

Research experience

Research assistant 06/2020-present
Co-supervised by Jessica Grahn, Christine Carter, and Jonathan De Souza
Western University

Research assistant (course based) 01/2019-04/2019
Co-supervised by Fanny Barlaam and Sébastien Jacquemont
CHU Sainte-Justine

Research assistant (course based) 01/2018-04/2018
Co-supervised by Victor Oswald and Karim Jerbi
CHU Sainte-Justine

Volunteer research assistant 04/2017-07/2017
Supervised by Nathalie Gosselin
BRAMS

Honors & Awards

Dean's honor list, Université de Montréal 2017-2019

Publications

Articles

Lau, N., Wilkey, E., Soltanlou M., **Lagacé Cusiak, R.**, Peters L., Tremblay P., Goffin C., ..., Ansari, D. (2020). Numeracy and COVID-19: examining interrelationships between numeracy,

health numeracy and behaviour. Royal Society of Open Science. (Accepted as Registered Report)

Preregistrations

Lagacé-Cusiac, R., Grahn, J., Ansari, D., Tremblay, P.F. (2021) A Sense of Proportion: How Humans Represent Relative Magnitudes in Space and Time. [Preregistered report on OSF]. <https://osf.io/kvh9z/>

Talks

Kinghorn, E., **Lagacé Cusiac, R.**, Demirkaplan, O., Grahn, J. A., De Souza, J., Carter, C. (2021). The effects of blocked and interleaved practice on musical style recognition. University of Nottingham. ICMPC-ESCOM

Posters

Nadon, E., **Lagace-Cusiac, R.**, Pilon, J., Gosselin, N. (2018). The effect of the emotional characteristics of different sound environments on selective attention of adults. Université de Québec à Montréal. CRBLM Scientific Day

Oswald, V., **Lagacé-Cusiac, R.**, Létourneau, A., Trahan, H., Toupin, G., Younes, Z., Rabaey, P., Jerbi, K. (2018). À l'état de repos, la puissance spectrale des oscillations cérébrales prédit la performance de la vitesse de traitement. Université de Montréal. 12e Journée scientifique du Département de Psychologie

Service

Committees

University of Western Ontario

Research methods and statistics taskforce	2020-2021
Psychology Colloquium Series	2019-2020
Co-founder and organizer, Social Coding Series	2021-present

Polytechnique de Montréal

Consultant, Polycortex	2018-2019
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Reviewer

JIRIRI-Journal of Interpersonal Relations, Intergroup relations and Identity and NCACN (Applied and clinical neuropsychology)	2018-2021
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Training & Skills

Teaching training

Teaching Assistant Training Program, Western University	06/09/2019-08/09/2019
NCCP level 2 training in trampoline	2018
NCCP level 1 training in trampoline (certified in 2017)	2012

Languages

English (Native/Bilingual)

French (Native/Bilingual)

Programming Experience

Languages: R, Python, Matlab, Javascript

Software: RStudio, PsychoPy/Pavlovia, Qualtrics

Statistical experience

Basic statistics (GLM, linear regression, ANOVA, etc.)

Structural equation modeling (SEM)

Musical experience

Instruments (in decreasing order of proficiency): Saxophone (most proficient), flute, mallet percussion, trombone, acoustic and electric guitar, electric bass (least proficient)