

# 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

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## 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

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**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

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**Honors & Awards**

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

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**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. (2017). À l'état de repos, la puissance spectrale des oscillations cérébrales prédit la performance de la vitesse de traitement. Université de Montréal. 10e Journée scientifique du Département de Psychologie

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## 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)