

# **CURRICULUM VITAE**

## **Simon RIGOULOT**

### **Personal Information**

Nationality: French  
Canadian

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Montréal (Qc) H2R2M2 CANADA

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### **Education**

Ph.D. Health Sciences, specialty: **Cognitive Neurosciences**  
University Lille 2, Lille (France), 2008 (*Félicitations du jury, highest honours*)  
*Main topics: Cognitive Neurosciences, Physiopathology*

D.E.A. Health Sciences, specialty: **Cognitive Neurosciences**  
University Lille 2, Lille (France), 2005 (*magna cum laude*)  
*Main topics: Cognitive Neurosciences, Physiopathology*

M.Sc. **Cognitive Sciences**  
University Lille 1-3, Lille (France), 2004 (*magna cum laude, valedictorian class*)  
*Main topics: Attention, Memory, Language, Emotion, IT*

B.S. **Cognitive Sciences**  
University Lille 1-3, Lille (France), 2003 (*magna cum laude, valedictorian class*)  
*Main topics: Attention, Memory, Language, Emotion, IT*

B.S. **Physiology**  
University Lille 1, Lille (France), 2002  
*Main topics: Genetic, Cellular biology, Animal Physiology*

## Academic Appointments

- 2015-2018            **Chargé de cours**  
Université de Montréal
- 2015-2017            **Research Associate**  
Neuroscience of Early Development  
Université de Montréal/Hôpital Sainte Justine  
“*Affective and cognitive impairments in developmental pathologies: EEG and MEG recordings*”, supervisor: S. Lippé
- 2012-2017            **Postdoctoral fellowship – Research Associate**  
International Laboratory for Brain, Music and Sound Research  
Université de Montréal/McGill University  
“*Brain correlates of the processing of emotional sounds: evidence from EEG, MEG and fMRI*”, supervisor: J.L. Armony
- 2010-2012            **Postdoctoral fellowship**  
Neuropragmatics and Emotion Lab  
McGill University, School of Science Communication and Disorders  
“*Processing of emotional prosody: evidence from eye movements and EEG*“, supervisor: M.D. Pell
- 2009-2010            **A.T.E.R.** (*attaché temporaire à l’enseignement et à la recherche*)  
*French equivalent to one-year associate teaching position*  
University Lille 1, France
- 2005-2009            **Part-time lecturer**  
Catholic University of Lille, France
- 2005-2009            **Teaching assistant**  
University Lille 1, France
- 2004-2008            **Pre-doctoral and PhD research**  
Laboratory of Functional Neurosciences and Disorders, CNRS UMR 8160  
University Lille 2, France  
“*Processing of emotional stimulations presented in peripheral vision: behavioral and ERP evidence*”, supervisor: H. Sequeira

## Academic Honours and Awards

- 2014            Prize of Best Poster, 6<sup>th</sup> Scientific Day of RBIQ Network (Montreal)
- 2012            McGill MedStar Award, McGill University, Montréal (Qc)
- 2012            McLaughlin Fellowship, McGill University, Montréal (Qc)
- 2009            Research and Teaching Associate Position, University Lille 1 (France)

2005	Doctoral scholarship from the <i>Ministère de la Recherche</i> of France
2007	Prize of Best Poster, LARC-Neuroscience (Rennes)
2004	magna cum laude (class valedictorian) Master's degree in Cognitive Sciences
2003	magna cum laude (class valedictorian) B.S. degree in Cognitive Sciences

### **Research Support - Career (Salary) Awards**

2016-2017	“ <i>Using Virtual Reality to investigate speech and language processing</i> ” CRBLM (Qc) Research Incubator Award, \$10,000
2011-2012	“ <i>How vocal emotions guide visual behavior: evidence from healthy adults and patients with Parkinson's Disease</i> ” <u>McGill University, Montréal (Qc)</u> McLaughlin Fellowship, \$25,000
2009-2010	“ <i>Les effets de l'attention sur le traitement de l'information émotionnelle en vision périphérique</i> ” (Effects of attention on emotional processing in peripheral vision) <u>University Lille 1 (France)</u> A.T.E.R. ( <i>Teaching and Research support</i> ), \$22,000
2005-2008	“ <i>Impact comportemental et électrophysiologique de l'information émotionnelle en vision périphérique</i> ” (Behavioral and electrophysiological impact of emotional information in peripheral vision) <u>Ministère de la Recherche (France)</u> Doctoral scholarship, \$65,000

### **Refereed Papers in Scientific Journals**

- Knoth, I.S. , **Rigoulot, S.**, Lacourse, K., Lajnef, T., Vannasing, P., Michaud, J., Jerbi, K., Lippé, S. (2018). Cognitive impairment severity in Fragile X syndrome revealed by auditory repetition effects: A combined EEG and machine learning approach. (accepted, J of Dev Science).
- Nolden, S., **Rigoulot, S.**, Jolicoeur, P., Armony, J.L. (2017). Effects of musical expertise on oscillatory brain activity in response to emotional sounds. Neuropsychologia, 103, 96-105.
- Rigoulot, S.**, Knoth, I., Lafontaine, M.-F., Vannasing, P., Major, P., Jacquemond, S., Michaud, J., Lippé, S. (2017). Altered visual repetition suppression in Fragile X Syndrome: evidence from EEG. International Journal of Developmental Neuroscience, 59, 52-59.

- Liu, P., **Rigoulot, S.**, M.D. Pell. (2017). Cultural immersion alters emotion perception: Neurophysiological evidence from Chinese immigrants in North America. *Social Neuroscience*, 12 (6), 685-700.
- Rigoulot, S.**, & J.L. Armony. (2016). Early selectivity in auditory cortex for vocal and musical sounds: Electrophysiological evidence. *European Journal of Neuroscience*, 44(10), 2786-2794..
- Pell, M.D., Rothernich, K., Liu, P., Sethi, S., Paulmann, S., **Rigoulot, S.** (2015). Preferential decoding of emotion from human non-linguistic vocalizations versus speech prosody. *Biological Psychology*, 111, 14-25.
- Liu, P., **Rigoulot, S.**, M.D. Pell. (2015). Cultural differences in on-line sensitivity to emotional voices: Comparing East and West. *Frontiers in Human Neuroscience*, 9, 311
- Rigoulot, S.**, Pell, M.D. & J.L. Armony. (2015). Time course of the influence of musical expertise on the processing of vocal and musical sounds. *Neuroscience*, 290, 175-184.
- Liu, P., **Rigoulot, S.**, M.D. Pell. (2014). Culture modulates the brain response to human expressions of emotion: Electrophysiological evidence. *Neuropsychologia*, 67C:1-13.
- Rigoulot, S.** & Pell, M.D. (2014). Emotion in the voice influences the way we scan emotional faces. *Speech communication*, 65, 36-49.
- Rigoulot, S.**, Fish, K. & Pell, M.D. (2014). Neural correlates of inferring speaker sincerity from white lies: An event-related potential source. *Brain Research*, 1565, 48-62.
- Rigoulot, S.**, Wassiliwizky, E. & Pell, M.D. (2013). Feeling backwards? How temporal order in speech affects the time course of vocal emotion recognition. *Frontiers in Emotion Science*, 4, 367.
- Rigoulot, S.**, D'Hondt, F., Honoré, J., Sequeira, H. (2012). Implicit emotional processing in peripheral vision: Behavioral and neural evidence. *Neuropsychologia*, 50(12), 2887-2896.
- Rigoulot, S.** & Pell, M.D. (2012). Seeing emotion with your ears: Emotional prosody implicitly guides visual attention to faces. *PLOS One*, 7(1), e30740.
- Rossignol, M. Philippot, P., Bissot, C., **Rigoulot, S.**, Campanella, S. (2012). Electrophysiological correlates of enhanced perceptual processes and attentional capture by emotional faces in social anxiety. *Brain Research*, 1460, 50-62.
- Rigoulot, S.**, D'Hondt, F., Defoort-Dhellemmes, S., Desprez, P., Honoré, J., Sequeira, H. (2011). Perceiving fearful faces in peripheral vision: behavioral and ERP evidence. *Neuropsychologia*, 49(7), 2013-2021.
- D'Hondt, F., Collignon, O., Dubarry, A.S., Robert, M., **Rigoulot, S.**, Honoré, J., Lepore, F., Lassonde, M., Sequeira, H. (2010). Early brain-body impact of emotional arousal. *Frontiers in Human Neuroscience*, 4, 33.
- Rigoulot, S.**, Delplanque, S., Desprez, P., Defoort-Dhellemmes, S., Honoré, J., Sequeira, H. (2008). Peripherally Presented Emotional Scenes: A Spatiotemporal Analysis of Early ERP Responses. *Brain Topography*, 20(4), 216-223.

Delplanque, S., Silvert, L., Hot, P., **Rigoulot, S.**, Sequeira, H. (2006). Arousal and valence effects on event-related P3a and P3b during emotional categorization. *International Journal of Psychophysiology*, 60(3), 315-322.

### **Refereed Abstracts in Conference Proceedings & Professional Journals**

**Rigoulot, S.**, D'Hondt, F., Taisne, M., Defoort-Dhellemmes, S., Honoré, J., Sequeira, H. (2008). Neural processing of peripherally presented emotional faces: an ERP study. *14th World Congress of Psychophysiology, IOP, September, 8-13<sup>th</sup>*, St-Petersburg, Russia, *Int. J. of Psychophysiology*, 69, 3, 174.

Coegnet, S., Sequeira, H., DiPastena, A., **Rigoulot, S.**, Honoré, J. (2008). Emotion and spatial properties of objects 1 — Arousal effect. *14th World Congress of Psychophysiology, IOP, September, 8-13<sup>th</sup>*, St-Petersburg, Russia, *Int. J. of Psychophysiology*, 69, 3, 221.

DiPastena, A., Honoré, J., Coegnet, S., **Rigoulot, S.**, Sequeira, H. (2008). Emotion and spatial properties of objects 2 — Effect of valence depends on trait-anxiety. *14th World Congress of Psychophysiology, IOP, September, 8-13<sup>th</sup>*, St-Petersburg, Russia, *Int. J. of Psychophysiology*, 69, 3, 221.

### **Manuscripts in preparation**

**Rigoulot, S.**, Logie, K., Jolicoeur, P., Armony, J.L. Spatio-temporal characteristics of the processing of emotional human voice and music: Evidence from magnetoencephalography. *Submission in Spring 2018*

**Rigoulot, S.**, Vargis, N. & Pell, M.D. Electrophysiological correlates of sexually evocative speech. *Submission in Spring 2018*

**Rigoulot, S.**, Sultan, S., Lippé, S. Cognitive but not affective impairments in survivors to Leukemia: evidence from a musical memory task. *Submission in Spring 2018*

### **Invited Research Lectures**

11.2012      **International Symposium on 'The Function and Evolution of the Social Brain'**, Montréal, Qc.  
Organized by the Center for Studies in Behavioral Neurobiology, University of Concordia.  
« *Did she mean it? Behavioral and electrophysiological impact of white lies* ».

11.2011      **Les 4 à 7 de la Recherche**, Trois-Rivières, Qc.  
Organized by the CogNAC (Cognition, Neurosciences, Affect et Comportement), University of Québec à Trois-Rivières.

## **Conference Presentations with Refereed Abstract**

### *Oral presentations*

Pell, M.D., Vergis, N., **Rigoulot, S.** (2017). Emotional responses to sexual innuendo during spoken language processing. International Society for Research on Emotion (ISRE), July, 26-29<sup>th</sup>, Saint-Louis (USA).

Pell, M.D., Rothermich, K., Liu, P., Sethi, S., Paulmann, S., **Rigoulot, S.** (2015). Neurophysiological responses to vocal emotion cues in and out of speech. Social and Affective Neuroscience Society (SANS), April, 23<sup>rd</sup>-25<sup>th</sup>, Boston (USA).

**Rigoulot, S.**, D'Hondt, F., Defoort-Dhellemmes, S., Desprez, P., Honoré, J., Sequeira, H. (2009). Perceiving emotional faces in peripheral vision: neural and behavioral evidence from explicit and implicit tasks. International Society for Research on Emotion (ISRE), August, 6-8<sup>th</sup>, Leuven (Belgium).

**Rigoulot, S.**, D'Hondt, F., Taisne, M., Defoort-Dhellemmes, S., Honoré, J., Sequeira, H. (2008). Neural processing of peripherally presented emotional faces: an ERP study. 14th World Congress of Psychophysiology (IOP), September, 8-13<sup>th</sup>, St-Petersburg (Russia).

**Rigoulot, S.**, Delplanque, S., Honoré, J., Defoort-Dhellemmes, S., Sequeira, H. (2007). Traitement neurocognitif de l'information émotionnelle en vision périphérique. Doctoral Journey of University of Lille 2, September, 26<sup>th</sup>, Lille (France).

**Rigoulot, S.**, Delplanque, S., Honoré, J., Defoort-Dhellemmes, S., Sequeira, H. (2006). Traitement de l'information émotionnelle en vision périphérique: résultats préliminaires. Société de Psychophysologie cognitive, November, 17-18<sup>th</sup>, Lyon (France).

### *Posters*

Léonard, C., **Rigoulot, S.**, Lafrenière, B., Sultan, S., Lippé, S. (2017). Est-ce que l'influence des émotions sur la mémoire est préservée chez des survivants de la leucémie lymphoblastique aigue (LLA) ?. 39<sup>e</sup> congrès de la Société Québécoise pour la Recherche en Psychologie, March, 24-26<sup>th</sup>, Montreal (Canada).

Charlebois-Poirier, A.-R., Lafontaine, M.-P., Knoth, I., **Rigoulot, S.**, Lippé, S. (2017). Différences de performance dans une tâche d'apprentissage associatif visuel : étude des oscillations cérébrales. CERNEC Scientific Day, March, 17<sup>th</sup>, Saint-Sauveur (Canada).

Laflamme, H., **Rigoulot, S.**, Jerbi, K., Lippé, S., West, G.L. (2017). L'activité thêta en EEG pendant et après avoir joué à un jeu vidéo exigeant la mémoire visuo-spatiale. CERNEC Scientific Day, March, 11<sup>th</sup>, Saint-Sauveur (Canada).

- Rigoulot, S.,** Knoth, I., Lafontaine, M.-P., Michaud, J., Vannasing, P., Lippé, S. (2016). Repetition suppression to faces in Fragile X patients and matched controls: evidence from ERPs. Human Brain Mapping (HBM), June, 26-30<sup>th</sup>, Geneva (Switzerland).
- Rigoulot, S.,** Logie, K., Jolicoeur, P., Armony, J.L. Spatio-temporal characteristics of neural responses to music and human voice: Evidence from MEG. Human Brain Mapping (HBM), June, 26-30<sup>th</sup>, Geneva (Switzerland).
- Peek, L., **Rigoulot, S.,** Whitehead, J., Maheux, M., Jolicoeur, P., Armony, J. (2016). Hemodynamic responses to visual and auditory social stimuli: A comparison between fNIRS and fMRI. Human Brain Mapping (HBM), June, 26-30<sup>th</sup>, Geneva (Switzerland).
- Rigoulot, S.,** Albouy, P., Robaey, P., Oswald, V., Lacourse, K., Boulet-Craig, A. & Lippé, S. (2016). Résultats préliminaires sur les données MEG, étude steady-state visuelle. Scientific day of PETALE project, Daniel Sinnett laboratory UHC Sainte-Justine Research. May, 5<sup>th</sup>, Montreal (Canada).
- Laflamme, H., **Rigoulot, S.,** Jerbi, K., Lippé, S., West, G.L. (2016). L'activité thêta en EEG pendant et après avoir joué à un jeu vidéo exigeant la mémoire visuo-spatiale. CERNEC Scientific Day, March, 11<sup>th</sup>, Saint-Sauveur (Canada).
- Rigoulot, S.,** & Armony, J.L. (2015). Early categorical adaptation effects: evidence from EEG. Centre for Research on Brain, Language and Music (CRBLM) Symposium, October, 22<sup>nd</sup>, Montreal (Canada).
- Logie, K., **Rigoulot, S.,** Jolicoeur, P., Armony, J.L. (2015). Processing of emotional auditory stimuli : A MEG Approach. 25<sup>th</sup> Annual Meeting of the Canadian Society for Brain, Behaviour and Cognitive Science (CSBBCS), June, 5-7<sup>th</sup>, Ottawa (Canada).
- Rigoulot, S.,** & Armony, J.L. (2015). Electrophysiological correlates of adaptation effects on distinct sound categories: evidence from speech and music. Centre for Research on Brain, Language and Music (CRBLM) Workshop, May, 8<sup>th</sup>, Montreal (Canada).
- Logie, K., **Rigoulot, S.,** Jolicoeur, P., Armony, J.L. (2015). Emotional Music and Voices: A Magnetoencephalography Study. Centre for Research on Brain, Language and Music (CRBLM) Workshop, May 8<sup>th</sup>, Montreal (Canada).
- Nolden, S., **Rigoulot, S.,** Jolicoeur, P., & Armony, J.L. (2014). Musicians and non-musicians differ in EEG-alpha band activity in response to auditory emotional expressions. Human Brain Mapping (HBM), June, 8-12<sup>th</sup>, Hamburg (Germany).
- Rigoulot, S.,** Aubé, W., Peretz, I., Pell, M.D., Armony, J.L. (2014). The auditory emotional brain: electrophysiological responses to emotional music, speech and vocalizations. European Society for Cognitive and Affective Neuroscience (ESCAN), May, 7-10<sup>th</sup>, Dortmund (Germany).
- Rigoulot, S.,** & Pell, M.D. (2014). Electrophysiological correlates of sexually evocative speech. Cognitive Neuroscience Society (CNS), April, 5-8<sup>th</sup> Boston (USA).
- Rigoulot, S.,** Aubé, W., Peretz, I., Pell, M.D., Fortier-Gauthier, U., Jolicoeur, P., Armony, J.L. (2014). Brain Responses to Emotional Sounds: Evidence from Music, Speech Prosody and Vocalizations.

6<sup>th</sup> Scientific Day of Quebec Bi-Imaging Network (QBIN/RBIQ), January, 31<sup>st</sup>, Montreal (Canada). **Prize of Best Poster.**

Nolden, S., **Rigoulot, S.**, Jolicoeur, P., & Armony, J.L. (2014). Oscillatory brain activity in response to emotional sounds in musicians and non-musicians. 6<sup>th</sup> Scientific Day of Quebec Bi-Imaging Network (QBIN/RBIQ), January, 31<sup>st</sup>, Montreal (Canada).

Liu, P., **Rigoulot, S.**, M.D. Pell. (2013). Effects of culture on attention to emotional stimuli: electrophysiological evidence. Society for Neuroscience (SfN), November 9-13<sup>th</sup>, San Diego (California, USA).

Liu, P., **Rigoulot, S.**, M.D. Pell. (2013). How culture modulates emotion perception: A comparison of Chinese, English Canadians, and Chinese immigrants to Canada. International Society for Research on Emotion (ISRE), August 2-6<sup>th</sup>, Berkeley (California, USA).

**Rigoulot, S.**, Aubé, W., Peretz, I., Pell, M.D., Armony, J.L. (2013). Comparing EEG responses to emotions expressed through music, speech and non-linguistic vocalizations. Human Brain Mapping (HBM), June, 16-20<sup>th</sup>, Seattle (USA).

Nolden, S., **Rigoulot, S.**, Jolicoeur, P., & Armony, J.L. (2013). EEG alpha-band activity in response to auditory emotional expression. Human Brain Mapping (HBM), June, 16-20<sup>th</sup>, Seattle (USA).

Fortier-Gauthier, U., **Rigoulot, S.**, Grimaut, S., Jolicoeur, P., & Armony, J.L. (2013). Neural responses to emotional music and vocalizations as revealed by MEG. Human Brain Mapping (HBM), June, 16-20<sup>th</sup>, Seattle (USA).

**Rigoulot, S.**, Aubé, W., Peretz, I., Pell, M.D., Fortier-Gauthier, U., Jolicoeur, P., Armony, J.L. (2013). Cerebral responses to emotions expressed through music, speech and non-linguistic vocalizations. Centre for Research on Brain, Language and Music (CRBLM) Workshop, June, 16-20<sup>th</sup>, Montreal (Canada).

**Rigoulot, S.**, Fish, K., & Pell, M.D. (2012). Electrophysiological correlates of the detection of sincere compliments and white lies, Cognitive Neuroscience Society (CNS), March, 31<sup>st</sup> - April, 3<sup>rd</sup>, Chicago (USA).

**Rigoulot, S.**, & Pell, M.D. (2011). Implicit effects of emotional prosody on visual behavior. Cognitive Neuroscience Society (CNS), April, 2-5<sup>th</sup> San Francisco, (USA).

**Rigoulot, S.**, D'Hondt, F., Defoort-Dhellemmes, S., Desprez, P., Honoré, J., Sequeira, H. (2010). Peripheral emotion processing: effects of facial expressions in a clinical population. Cognitive Neuroscience Society (CNS), April, 17-20<sup>th</sup> Montreal (Canada).

Rossignol, M., Philippot, P., D'Hondt, F., **Rigoulot, S.**, Sequeira, H., Campanella, S. (2010). Early modulation of face processing in social anxiety: a spatiotemporal analysis of ERP responses. Human Brain Mapping (HBM), June, 6-10<sup>th</sup>, Barcelona (Spain).

**Rigoulot, S.**, D'Hondt, F., Defoort-Dhellemmes, S., Desprez, P., Honoré, J., Sequeira, H. (2009). Behavioral and electrophysiological responses to emotional faces in peripheral vision. International Conference on Innovative Research in Autism (IRIA), April, 15-17<sup>th</sup>, Tours (France).



- D'Hondt, F., Collignon, O., Dubarry, A.S., Robert, M., **Rigoulot, S.**, Honoré, J., Lepore, F., Lassonde, M., Sequeira, H. (2009). Emotional arousal: a new evidence from MEG and autonomic correlates. International Society for Research on Emotion (ISRE), August, 6-8<sup>th</sup>, Leuven (Belgium).
- Sequeira, H., D'Hondt, F., Collignon, O., Dubarry, A.S., Robert, M., **Rigoulot, S.**, Honoré, J., Lepore, F., Lassonde, M. (2009). MEG and neurovisceral integration of Emotion: New perspectives. Annual ANT Neuromeeting, Burgundy, January 28-31<sup>st</sup>, Beaune (France).
- Rigoulot, S.**, Taisne, M., D'Hondt, F., Desprez, P., Defoort-Dhellemmes, S., Honoré, J., Sequeira, H. (2007). Implicit neural coding of happy faces in peripheral vision. LARC-Neuroscience, October, 12<sup>th</sup>, Rennes (France). **Prize of Best Poster.**
- Rigoulot, S.**, D'Hondt, Taisne, M., F., Desprez, P., Defoort-Dhellemmes, S., Honoré, J., Sequeira, H. (2007). Implicit neural coding of fearful faces in peripheral vision. LARC-Neuroscience, October, 12<sup>th</sup>, Rennes (France). **Prize of Best Poster.**
- Rigoulot, S.**, Delplanque, S., Honoré, J., Defoort-Dhellemmes, S., Sequeira, H. (2006). Analyse de scènes visuelles émotionnelles en vision centrale et périphérique: Mesures comportementales et électrophysiologiques. LARC-Neuroscience, November 10<sup>th</sup>, Lille (France).
- Rigoulot, S.**, Delplanque, S., Honoré, J., Defoort-Dhellemmes, S., Sequeira, H. (2005). Exploration comportementale et neurocognitive de l'information émotionnelle en vision centrale et périphérique. LARC-Neuroscience, October, 14<sup>th</sup>, Amiens (France).
- S. Delplanque, L. Silvert, P. Hot, S. Robert, **S. Rigoulot**, H. Sequeira (2004). ERP discrimination between implicit and explicit emotional categorization: effects on P3a and P3b components. Fourth Forum of the Federation of European Neuroscience Societies (FENS), Lisbonne (Portugal).

## **Technical abilities**

### **1. Brain imagery**

EEG: recording with Asalab (ANT Neuro), BrainVision (Brain Products) and Biosemi (Biosemi); analyses with EEGLab and ERPLab (ERP techniques and time-frequency analyses, Matlab plugins), FieldTrip (ERP and time-frequency analyses, Matlab plug-in), BESA Research (BESA), Brainvision Analyzer (Brain Products), Cartool (micro-segmentation free software), sLORETA (source analyses, free software).

MEG: recording with CTF; analyses with Brainstorm (Matlab plugin), Brainwave, DataEditor (CTF)

fMRI: analyses with SPM 8 (Matlab plug-in)

### **2. Peripheral recordings**

Eye-movements: recording with EyeLink II (SR Research); analyses with DataViewer (SR Research).

Electro-dermal activity: recording and analyses with BIOPAC Systems

### 3. **Stimuli presentation**

E-prime 2, Presentation, Psychtoolbox (Matlab plug-in)

### 4. **Coding**

Matlab (confirmed), python (beginner)

## **Contributions to the Research Community**

### 1. **Invited (Ad hoc) Peer Reviewer**

Journal Manuscripts: Scientific Reports, Neuroimage ; Social, Cognitive and Affective Neuroscience; Biological psychiatry; Brain Research; Neuropsychologia; International Journal of Psychophysiology; Canadian Journal of Experimental Psychology; Speech Communication; Frontiers in Human psychopathology; Journal of Affective Disorder; Psychological Research.

### 2. **Member of Professional/Scholarly Societies**

2009- International Society for Research on Emotions

2010- Cognitive Neuroscience Society

### 3. **Collaborative Research Affiliations**

2010- International Laboratory for Brain, Music and Sound Research (BRAMS)

2010- McGill Centre for Research on Language, Mind, and Brain (CRBLM)

2012- Réseau de Bio-imagerie du Québec (Québec Bio-Imaging Network)



## Teaching and Service

### Teaching experience

#### Lecturer

Université de Montréal (Canada)

- 2015-            Psychology of perception, 1<sup>st</sup> cycle (2<sup>nd</sup> year), **Psychology**  
                  Motivation and Emotion, 1<sup>st</sup> cycle (1<sup>st</sup> year), **Psychology**  
                  Cognitive Processes, 1<sup>st</sup> cycle (2<sup>nd</sup> year), **Psychology**  
                  Neurocognition of music, 1<sup>st</sup> cycle (2<sup>nd</sup> year), **Psychology**  
                  Sensory systems, 1<sup>st</sup> cycle (3<sup>rd</sup> year), **Psychology**

University Lille 3 (France)

- 2009-2010      Mental Representations, 1<sup>st</sup> cycle (3<sup>rd</sup> year), **Psychology**  
                  Memory and Emotion, 1<sup>st</sup> cycle (3<sup>rd</sup> year), **Psychology**  
                  Emotional facial expressions, 1<sup>st</sup> cycle (3<sup>rd</sup> year), **Cognitive Sciences**

Catholic University Lille (France)

- 2007-2009      Psychopharmacology, 1<sup>st</sup> cycle (3<sup>rd</sup> year), **Psychology**  
2005-2009      Psychobiology, 1<sup>st</sup> cycle (1<sup>st</sup> year), **Psychology**

#### Teaching Assistant

Université de Montréal (Canada)

- 2014-2015      Methods in cognitive psychology and neuropsychology, 2<sup>nd</sup> cycle (1st year), **Psychology**

University Lille 3 (France)

2009-2010	Mental Representations, 1 <sup>st</sup> cycle (3 <sup>rd</sup> year), <b>Psychology</b>
	Dopamine and reward stimulations, 1 <sup>st</sup> cycle (3 <sup>rd</sup> year), <b>Psychology</b>
	Audiometry, 1 <sup>st</sup> cycle (3 <sup>rd</sup> year), <b>Psychology</b>
	Brain imagery techniques, 1 <sup>st</sup> cycle (3 <sup>rd</sup> year), <b>Psychology</b>
2008-2009	Neuroanatomy, 1 <sup>st</sup> cycle (3 <sup>rd</sup> year), <b>Psychology</b>
2006-2007	Autonomic Indices, 1 <sup>st</sup> cycle (3 <sup>rd</sup> year), <b>Psychology</b>
2005-2006	Galvanic Skin Response, 1 <sup>st</sup> cycle (3 <sup>rd</sup> year), <b>Psychology</b>
	Affective Neurosciences, 2 <sup>nd</sup> cycle (1 <sup>st</sup> year), <b>Psychology</b>

### **Research Student Supervision (Member of Advisory Committee)**

#### Ph.D. thesis/program committee

2010-2014	Liu, P.	“Effects of culture on attention to audiovisual emotional stimuli”, McGill University, School of Communication Sciences and Disorders
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### **Research Student Supervision**

#### 1. M.Sc. Students

2014	L. Avigan	“Neural adaptation to sounds”. McGill University, Psychology, co-supervised with J. Armony.
2012	L. De la Parra	“Speech Prosody and Innuendos”. McGill University, Psychology, NSERC USRA (Undergraduate Student Research Award), co-supervised with M.D. Pell.
2011	S.Lee	“Understanding how emotional prosody guides eye-movements: a cross-cultural eye-tracking study”. McGill University, Cognitive Sciences, co-supervised with M.D. Pell.
2009	C. Brochot	“Expressions faciales dynamiques en vision centrale et périphérique”. University Lille 3, Psychology, co-supervised with H. Sequeira.
2008	F. D’Hondt	“Impact de l’expression faciale de peur en vision périphérique”. University Lille 3, Psychology, co-supervised with H. Sequeira.

2008 M. Taisne “Impact de l’expression faciale de joie en vision périphérique”.  
University Lille 3, Psychology, co-supervised with H. Sequeira.

2. Research Assistant

2018	McNicoll, Paul	Undergraduate student, Psychology department
2017	Lazare, Rumelle	Undergraduate student, Psychology department
2017	Romano, Mélissa	Undergraduate student, Psychology department
2016	Léonard, Camille	Undergraduate student, Psychology department
2016	Lafresnière, Brian	Undergraduate student, Psychology department
2014	McCall, Joshua	Undergraduate student, Psychology department
2011	Sethi, Sameer	Undergraduate student, Computer Science department
2011	Dangler, Lucas	Undergraduate student, Psychology department