

Simon Morand-Beaulieu, Ph.D.

Postdoctoral Scholar
Department of Psychology, McGill University
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Academic background

- 2022 – Postdoctoral Fellowship**
Department of Psychology, McGill University, Montréal, Qc
Advisor: Anna Weinberg
- 2020 – 2021 Postdoctoral Fellowship**
Child Study Center, Yale University School of Medicine, New Haven, CT
Advisor: Denis Sukhodolsky
- 2014 – 2019 Ph.D., Neuroscience**
Département de Neuroscience, Université de Montréal, Montréal, Qc
Advisor: Marc Lavoie
- 2012 – 2014 M.Sc., Biomedical Science, Psychiatry option**
Département de Psychiatrie, Université de Montréal, Montréal, Qc
Advisor: Marc Lavoie
- 2009 – 2012 B.Sc., Psychology**
Département de Psychologie, Université de Montréal, Montréal, Qc

Professional experience

- 2018 – 2019 Lab Coordinator**
STEAM Lab, Centre de recherche de l'Institut universitaire en santé mentale de Montréal (CRIUSMM) & Université du Québec à Montréal, Montréal, Qc
- 2012 – 2019 Research Assistant**
Social and cognitive psychophysiology lab, CRIUSMM, Montréal, Qc
- 2015 – 2018 Financial director**
Association des étudiants et étudiantes en recherche en santé mentale
- 2015 – 2017 Teaching assistant**
Département de Psychologie, Université de Montréal, Montréal, Qc
- 2013 – 2015 Secretary**
Association des étudiants et étudiantes en recherche en santé mentale

Awards and Scholarship

2022	Professor Mary Robertson Award for Research Contribution, European Society for the Study of Tourette Syndrome (GBP £250)
2022 – 2024	Clinical Research Training Scholarship in Tourette syndrome, Tourette Association of America, American Brain Foundation, American Academy of Neurology (USD \$150,000)
2019 – 2022	Postdoctoral Fellowship, CIHR (CAD \$150,000)
2019	Travel award, FAECUM (CAD \$312)
2018	Travel award, FAECUM (CAD \$500)
2018 – 2019	Doctoral studies rédaction scholarship, FESP UdeM (CAD \$11,000)
2018	Award for the 2 nd best oral presentation, CRIUSMM (CAD \$1,000)
2018	Best presentation award, CHU Ste-Justine (CAD \$100)
2018	Robert-Élie scholarship for excellence in PhD studies, CRIUSMM (CAD \$5,000)
2017	<i>Étudiant-chercheur étoile</i> award, FRQS (CAD \$1,000)
2017	Travel award, Brain Sciences 2018 Travel Awards (CHF 800)
2017	<i>Étudiant-chercheur étoile</i> award, CRIUSMM (CAD \$3,000)
2016 – 2017	Doctoral scholarship, CRIUSMM (CAD \$3,000)
2015 – 2016	Doctoral scholarship, CRIUSMM (CAD \$3,000)
2015	Travel award, Tourette Association of America
2015 – 2018	Doctoral scholarship, FRQS (CAD \$60,000)
2014	Best poster award, CRIUSMM (\$1,000)
2013 – 2014	Master's studies redaction scholarship, FESP UdeM (CAD \$4,800)
2012 – 2013	Biomedical Sciences program scholarship, UdeM (CAD \$3,500)

Research Funding

Long-lasting effects of oral contraceptive use during adolescence: An investigation of neural, endocrine, and cognitive systems

Role: Collaborator

PI: Marie-France Marin

Funding Organism: Canadian Institutes of Health Research

Contest: Project Grant

Total Funding Amount: CAD 493 425\$

Dates : 2020-2025

Academic experience

External reviewer

2021 – 2022 Doctoral scholarships, CIHR

Rôles éditoriaux

2022 – Guest editor, Frontiers in Psychiatry

2021 – Reviewer board member, Frontiers in Behavioral Neuroscience, Learning and Memory section

2020 – Reviewer board member, Brain Sciences

Ad hoc reviewer (number of manuscripts reviewed)

Biological Psychiatry: Cognitive Neuroscience and Neuroimaging (1)

Biological Psychology (1)

BMC Psychiatry (1)

Brain Sciences (4)

British Journal of Psychiatry (1)

Child Psychiatry & Human Development (1)

Children (2)

Cognitive Neuropsychiatry (1)

Cortex (1)

Developmental Cognitive Neuroscience (1)

eNeuro (1)

European Child and Adolescent Psychiatry (1)

Frontiers in Behavioral Neuroscience (1)

Frontiers in Human Neuroscience (1)

Frontiers in Neurology (2)

Frontiers in Neuroscience (1)

Frontiers in Psychiatry (1)

International Journal of Cognitive Therapy (1)

Journal of Clinical Medicine (1)

Journal of Neuropsychology (1)

Journal of Pediatric Neurology (1)

Movement Disorders (1)

Neuropsychiatric Disease and Treatment (1)

Neuropsychologia (2)

Neuroscience and Biobehavioral Reviews (1)

Parkinsonism and Related Disorders (2)

Progress in Neuro-Psychopharmacology & Biological Psychiatry (1)

Psychophysiology (1)

Scientific Reports (2)

Guest lecturer

2015 – 2017 3h class : Hormones, sex, and gender (PSY3036L – Hormones, stress, and behavior), Department of Psychology, Université de Montréal

Mentorat d'étudiants

2021 – 2022 Elinor Baldwin
M.Res. in Developmental Neuroscience and Psychopathology
University College London & Yale University

2018 Agape Fifaliana Randrianandraina
Neuroscience internship, Université de Montréal

2017 – 2018 Siaka Dolé
Neuroscience internship, Université de Montréal

2016 Sabrina Tran-Jolicoeur
Summer science internship, Collège Brébeuf

2015 Maxime Richard
Neuroscience internship, Université de Montréal

2013 – 2014 Bastien Rioux
Initiation to research internship, UdeM

2013 Inês Fernandes
International research internship (IFMSA), Universidade de Lisboa

Publications

Manuscripts under review, submitted, and preprints

1. Bilodeau Houle, A., **Morand-Beaulieu, S.**, Bouchard, V., Marin, M.-F. (under review). Parent-Child Physiological Concordance Predicts Stronger Observational Fear Learning in Children with a Less Secure Relationship with Their Parent.
2. Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A.R., Karipidis, I.I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V.J., Yeatman, J., **The Fibr Community Science Consortium**, Satterthwaite, T.D., Rokem, A. (2022). An open, analysis-ready, and quality controlled resource for pediatric brain white-matter research. bioRxiv.
(Member of the Fibr Community Science Consortium)

Peer-reviewed articles

1. **Morand-Beaulieu, S.**, Crowley, M. J., Grantz, H., Leckman, J. F., Scahill, L., Sukhodolsky, D. G. (2022). Evaluation of EEG biomarkers of comprehensive behavioral intervention for tics in children with Tourette syndrome. *Clinical Neurophysiology*, 142, 75-85.

2. Ibrahim, K., Calvin, C. B., **Morand-Beaulieu, S.**, He, G., Pelphrey, K. A., McCarthy, G., Sukhodolsky, D. G. (2022). Amygdala-Prefrontal Connectivity in Children with Maladaptive Aggression is Modulated by Social Impairment. *Cerebral Cortex*.
3. **Morand-Beaulieu, S.**, Smith, S. D., Ibrahim, K., Wu, J., Leckman, J. F., Crowley, M. J., Sukhodolsky, D. G. (2022). Electrophysiological signatures of inhibitory control in children with Tourette syndrome and attention-deficit/hyperactivity disorder. *Cortex*, 147, 157-168.
4. **Morand-Beaulieu, S.**, Perrault, M.-A., Lavoie, M. E. (2022). Test-Retest Reliability of Event-Related Potentials Across Three Tasks. *Journal of Psychophysiology*, 36(2), 100-117.
5. **Morand-Beaulieu, S.**, Wu, J., Mayes, L. C., Grantz, H., Leckman, J. F., Crowley, M. J., Sukhodolsky, D. G. (2021). Increased alpha-band connectivity during tic suppression in children with Tourette syndrome revealed by source EEG analyses. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
6. **Morand-Beaulieu, S.**, Aardema, F., O'Connor, K. P., Lavoie, M. E. (2021). Lateralized readiness potentials and sensorimotor activity in adults with obsessive-compulsive disorder. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 104, 110061.
7. Bilodeau Houle, A., Bouchard, V., **Morand-Beaulieu, S.**, Herringa, R. J., Milad, M. R., Marin, M.-F. (2020). Anxiety sensitivity moderates the association between father-child relationship security and fear transmission. *Frontiers in Psychology*, 11, 579514.
8. Marin, M.-F., Bilodeau Houle, A., **Morand-Beaulieu, S.**, Brouillard, A., Herringa, R., Milad, M. R. (2020). When children learn fear from their parent: Experimental validation of an observational fear learning paradigm in parent-child dyads. *Scientific Reports*, 10, 17130.
9. Peyrot, C., Brouillard, A., **Morand-Beaulieu, S.**, Marin, M.-F. (2020). A review on how stress modulates fear conditioning: Let's not forget the role of sex and sex hormones. *Behaviour Research and Therapy*, 129, 103615.
10. **Morand-Beaulieu, S.** & Leclerc, J. B. (2020) Syndrome de Gilles de la Tourette : Défis de la recherche pour améliorer la pratique clinique. *L'Encéphale*, 46(2), 146-152.
11. **Morand-Beaulieu, S.** & Lavoie, M. E. (2019). Cognitive and motor event-related potentials in Tourette syndrome and tic disorders: a systematic review. *Clinical Neurophysiology*, 130(6):1041-1057.
12. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J., & Lavoie, M. E. (2018). Electrophysiological predictors of cognitive-behavioral therapy outcome in tic disorders. *Journal of Psychiatric Research*, 105, 113-122.
13. **Morand-Beaulieu, S.**, Leclerc, J. B., Valois, P., Lavoie, M. E., O'Connor, K. P. & Gauthier, B. (2017). A review of the neuropsychological dimensions of Tourette syndrome. *Brain Sciences*, 7(8), 106.
14. Sauv  , G., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J., & Lavoie, M. E. (2017). P300 source localization contrasts in body-focused repetitive behaviors and tic disorders. *Brain Sciences*, 7(7), 76.
15. **Morand-Beaulieu, S.**, Grot, S., Lavoie, J., Leclerc, J. B., Luck, D. & Lavoie, M. E. (2017). The puzzling question of inhibitory controls in Tourette syndrome: a meta-analysis. *Neuroscience & Biobehavioral Reviews*, 80, 240-262.

16. **Morand-Beaulieu, S.**, O'Connor, K. P., Richard, M., Sauvé, G., Leclerc, J. B., Blanchet, P. J., & Lavoie, M. E. (2016). The impact of a cognitive-behavioral therapy on event-related potentials in patients with tic disorders or body focused repetitive behaviors. *Frontiers in Psychiatry*, 7(81).
17. **Morand-Beaulieu, S.**, O'Connor, K. P., Sauvé, G., Blanchet, P. J., & Lavoie, M. E. (2015). Cognitive-behavioral therapy induces sensorimotor and specific electrocortical changes in chronic tic and Tourette's disorder. *Neuropsychologia*, 79, Part B, 310-321.
18. Hamel, N., O'Connor, K. P., **Morand-Beaulieu, S.** & Lavoie, M. E. (2015). L'impulsivité et le syndrome de Gilles de la Tourette : état des connaissances. *Revue québécoise de psychologie* 36(2), p. 53-79.

Book chapters

1. **Morand-Beaulieu, S.**, Jordan, R. P., Baldwin, E., Zhong, J., Sukhodolsky, D. G. (2022). Control of actions and tics: a psychophysiological perspective. In Lavoie, M. E. & Cavanna, A. E. (eds.), *The Neurobiology of the Gilles De La Tourette Syndrome and Chronic Tics: Part A*, Academic Press.
2. **Morand-Beaulieu, S.** (2018). Taking the leap: the benefits of open science. In Rittman, M. (ed.), *The Global Benefits of Open Research* (p. 36-38). Bâle, Suisse : MDPI.
3. Lavoie, M. E., Sauvé, G., **Morand-Beaulieu, S.**, Stip, E., Luck, D., Marin, M. F. & Lupien, S. J. (2016). Psychophysiology et neuropsychologie. Dans Lalonde, P. & Pinard, G.-F. (eds.), *Psychiatrie clinique – une approche bio-psycho-sociale* (4th ed., Volume 1, p. 158-193). Montréal, Québec : Chenelière Éducation.
4. Lavoie, M. E., Sauvé, G., **Morand-Beaulieu, S.**, Charron, M. P., & O'Connor, K. P. (2014). Effects of Obsessive-Compulsive Disorder symptom intensity on brain electrocortical activity associated with emotional memory. In Kalinin, V. (ed.), *Obsessive-Compulsive Disorder - The Old and the New Problems* (p. 97-115). Croatia : InTech.

Published abstracts

1. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (2019). Motor Preparation in Obsessive-Compulsive Disorder: An LRP Study. *Biological Psychiatry*, 85, S220.
2. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (2018). The psychophysiology of motor processing in patients with body-focused repetitive behaviors before and after a psychological treatment. *Psychophysiology*, 55(S1), p. S131.
3. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (2018). Electrophysiological evaluation of Tourette syndrome and prediction of treatment outcome. *International Journal of Psychophysiology*, 131S, p. S30.
4. Perrault, M.-A., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (2018). Muscular tension regulation amongst patients with chronic tic disorders and body-focused repetitive behaviors during a stimulus-response compatibility inhibition task: a surface electromyographic study. *International Journal of Psychophysiology*, 131S, p. S140
5. Lavoie, M. E., O'Connor, K. P., Leclerc, J., Blanchet, P. J. & **Morand-Beaulieu, S.** (2016). ERP and motor changes following therapy in the Gilles de la Tourette Syndrome. *International Journal of Psychophysiology*, 108, p. 59-60.

6. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J., Leclerc, J. & Lavoie, M. E. (2016). Normalisation of the P300 response following treatment in tic disorders and body-focused repetitive behaviors. *International Journal of Psychophysiology*, 108, p. 141-142.
7. **Morand-Beaulieu, S.**, Fernandes, I., Sauvé, G., O'Connor, K. P., Blanchet, P. J., & Lavoie, M. E. (2015). Electrophysiological similarities in Tourette syndrome and chronic tic disorder. *International Journal of Developmental Neuroscience* 47(Part A), p. 63.

Invited talks

1. **Morand-Beaulieu, S.** (05/2022). Electrophysiological correlates of tic and action inhibition in children with Tourette syndrome. Talk presented at the Child Study Center EEG meeting, Yale University School of Medicine, online conference.
2. **Morand-Beaulieu, S.** (05/2021). Brain circuits of tic suppression in children with Tourette syndrome. Talk presented at the Child Study Center Postdoc Seminar Series, Yale University School of Medicine, New Haven, CT, USA.
3. **Morand-Beaulieu, S.** (05/2019). Tourette : fonctionnement cérébral et traitement. Talk presented at Pint of Science Canada, Montréal, Québec.
4. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (09/2018). Electrophysiological evaluation of Tourette syndrome and prediction of treatment outcome. Talk presented in the symposium of Sequeira, H. & Güntekin, B., Impaired brain: a neurodynamic approach, at the 19th World Congress of Psychophysiology, Lucca, Italy.
5. **Morand-Beaulieu, S.**, O'Connor, K. P., Leclerc, J. B., Gauthier, B. & Lavoie, M. E. (05/2016). L'impulsivité au sein du syndrome de Gilles de la Tourette. Talk presented at the 84th Annual Congress of the *Association francophone pour le savoir (ACFAS)*, in the symposium of Gagnon, J. et Carrier-Émond, F., "*Impulsivité et psychopathologie*", Montreal, Quebec, Canada.

Other talks

1. **Morand-Beaulieu, S.**, Crowley, M. J., Sukhodolsky, D. G. (06/2022). Functional connectivity during tic suppression predicts reductions in vocal tics following behavior therapy in children with Tourette syndrome. Talk presented at the 14th European Conference on Tourette syndrome and tic disorders, Lausanne, Switzerland.
2. **Morand-Beaulieu, S.**, Wu, J., Mayes, L. C., Grantz, H., Leckman, J. F., Crowley, M. J., Sukhodolsky, D. G. (06/2022). Increased alpha-band connectivity during tic suppression in children with Tourette syndrome revealed by source EEG analyses. Talk presented at the 14th European Conference on Tourette syndrome and tic disorders, Lausanne, Switzerland.
3. **Morand-Beaulieu, S.**, Leckman, J.F., Crowley, M. J., Sukhodolsky, D. G. (10/2021). Brain mechanisms of cognitive control in youth with Tourette syndrome and attention deficit hyperactivity disorder: an EEG study. Talk presented at the 13th European Conference on Tourette syndrome and tic disorders, Online conference.
4. Bilodeau-Houle, A., Bouchard, V., **Morand-Beaulieu, S.**, Brouillard, A., Arcand, M., Marin, M.-F. (06/2019). L'influence du lien d'attachement sur l'apprentissage de la peur par observation : Et le père dans tout ça? Talk presented at the Annual Research Day of the CRIUSMM, Montréal, Québec, Canada.
5. **Morand-Beaulieu, S.**, Bilodeau-Houle, A., Brouillard, A., Marin, M.-F. (06/2019). Étudier la synchronie physiologique entre un parent et son enfant pour mieux comprendre

- l'apprentissage de la peur. Talk presented at the Annual Research Day of the CRIUSMM, Montréal, Québec, Canada.
6. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (05/2019). Évaluation des processus moteurs au sein du trouble obsessionnel-compulsif. Talk presented at the 87th Annual Congress of the *Association francophone pour le savoir* (ACFAS), Gatineau, Québec, Canada.
 7. Arcand, M., Bilodeau-Houle, A., Peyrot, C., Zerroug, Y., Brouillard, A., Bouchard, V., **Morand-Beaulieu, S.**, Juster, R.-P., Marin, M.F. (05/2019). Le rôle des caractéristiques féminines dans la compréhension des symptômes anxieux. Talk presented at the 87th Annual Congress of the *Association francophone pour le savoir* (ACFAS), Gatineau, Québec, Canada.
 8. Perrault, M.-A., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (03/2019). Impact significatif de la thérapie cognitive et psychophysiologique sur les schémas d'activité musculaire chez des adultes présentant un trouble des tics persistants. Talk presented at the 40th Annual Congress of the *Société Québécoise de Recherche pour la Psychologie*, Mont-Tremblant, Québec, Canada.
 9. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (10/2018). Électrophysiologie des processus moteurs chez les patients atteints de comportements répétitifs centrés sur le corps. Talk presented at the Annual Research Day of the Department of Psychiatry of the Université de Montréal, Montréal, Québec, Canada.
 10. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (06/2018). Utiliser l'électrophysiologie cognitive pour prédire le succès thérapeutique chez les patients atteints du syndrome de Gilles de la Tourette. Talk presented at the Annual Research Day of the CRIUSMM, Montréal, Québec, Canada.
 11. **Morand-Beaulieu, S.**, Perrault, M.-A., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (05/2018). Thérapie cognitivo-comportementale chez les patients atteints du syndrome de Gilles de la Tourette : impacts psychophysiologiques et prédicteurs du succès thérapeutique. Talk presented at the 86th Annual Congress of the *Association francophone pour le savoir* (ACFAS), Chicoutimi, Québec, Canada.
 12. **Morand-Beaulieu, S.**, Perrault, M.-A., Dolé, S., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (02/2018). Utiliser l'électrophysiologie pour prédire le succès de la thérapie cognitivo-comportementale chez les patients atteints du syndrome de Gilles de la Tourette : une étude exploratoire. Talk presented at the Tourette symposium at the CHU Ste-Justine, Montréal, Québec, Canada.
 13. **Morand-Beaulieu, S.**, Grot, S., Lavoie, J., Leclerc, J. B., Luck, D. & Lavoie, M. E. (05/2017). Méta-analyse de l'impulsivité et de l'inhibition au sein du syndrome de Gilles de la Tourette : la comorbidité est la clé du problème. Talk presented at the 85th Annual Congress of the *Association francophone pour le savoir* (ACFAS), Montreal, Quebec, Canada.
 14. **Morand-Beaulieu, S.**, Grot, S., Lavoie, J., Leclerc, J. B., Luck, D. & Lavoie, M. E. (04/2017). Méta-analyse de l'impulsivité et de l'inhibition au sein du syndrome de Gilles de la Tourette : la comorbidité est la clé du problème. Talk presented at the CRIUSMM inter-lab meeting, Montreal, Quebec, Canada.
 15. **Morand-Beaulieu, S.**, O'Connor, K. P., Richard, M., Leclerc, J. B., Sauvé, G., Blanchet, P. J. & Lavoie, M. E. (05/2016). La thérapie cognitivo-comportementale pour traiter le syndrome de Gilles de la Tourette et les comportements répétitifs centrés sur le corps

modifie le fonctionnement du cerveau. Talk presented at the 84th Annual Congress of the *Association francophone pour le savoir* (ACFAS), Montreal, Quebec, Canada.

16. **Morand-Beaulieu, S.**, Sauvé, G., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. (09/2015). Modifications in brain functioning after cognitive-psychophysiological therapy in Tourette syndrome patients. Talk presented at the Annual Research Day of University of Montreal's Department of Psychiatry, Montreal, Quebec, Canada.
17. Lavoie, M. E., **Morand-Beaulieu, S.**, Sauvé, G. & O'Connor, K. P. (06/2015). Cognitive-behavioral therapy induces cerebral changes that significantly improved motor performances and brain electrocortical activity. Talk presented at the 1st World Congress on Tourette Syndrome and Tic Disorders, London, United Kingdom.
18. **Morand-Beaulieu, S.**, Sauvé, G., Blanchet, P. J., O'Connor, K. P & Lavoie, M. E. (05/2015). Normalisation motrice induite par une thérapie cognitivo-comportementale pour traiter le syndrome de Gilles de la Tourette. Talk presented at the 83rd Annual Congress of the *Association francophone pour le savoir* (ACFAS), Rimouski, Quebec, Canada.
19. **Morand-Beaulieu, S.**, Sauvé, G., Blanchet, P. J., O'Connor, K. P & Lavoie, M. E. (10/2014). Normalisation motrice induite par une thérapie cognitivo-comportementale pour traiter le syndrome de Gilles de la Tourette. Talk presented at the Annual Congress of University of Montreal's neurosciences students, Montreal, Quebec, Canada
20. Lavoie, M. E., Sauvé, G., **Morand-Beaulieu, S.** & O'Connor, K. P. (03/2014). Les neurosciences cognitives et la psychologie clinique pour le traitement intégré du syndrome de Gilles de la Tourette. Talk presented at the Annual Congress of the *Société Québécoise de Recherche pour la Psychologie*, in the symposium of Bastien, C. H., "L'information procurée par les potentiels évoqués dans le décours de différentes dysfonctions", Montreal, Quebec, Canada.

Poster presentations

1. Hong, S., **Morand-Beaulieu, S.**, Weinberg, A. (accepted). Investigating Multiple Neural Measures of Reward Sensitivity in Early Adolescence using Time-Frequency Analysis. Poster accepted at the 62nd Annual Meeting of the Society for Psychophysiological Research (09/2022), Vancouver, Colombie-Britannique.
2. **Morand-Beaulieu, S.**, Banica, I., Weinberg, A. (accepted). Intergenerational transmission of the error-related negativity in mother-daughter dyads: developmental effects. Poster accepted at the 62nd Annual Meeting of the Society for Psychophysiological Research (09/2022), Vancouver, Colombie-Britannique.
3. **Morand-Beaulieu, S.**, Crowley, M. J., Sukhodolsky, D. G. (06/2022). Brain networks associated with disruptive behavior in children with Tourette syndrome. Poster presented at the 14th European Conference on Tourette syndrome and tic disorders (06/2022), Lausanne, Suisse.
4. **Morand-Beaulieu, S.**, Wu, J., Mayes, L. C., Grantz, H., Leckman, J. F., Crowley, M. J., Sukhodolsky, D. G. Increased functional connectivity during tic suppression in children with Tourette syndrome. Poster presented at the Annual Meeting of the Yale Child Study Center Associates (11/2021), Online conference.
5. Sukhodolsky, D. G., Zhong, J., Crowley, M. J., **Morand-Beaulieu, S.** Reduction of tics after CBIT is not associated with change in EEG alpha coherence during a Go/No-Go task in children with Tourette syndrome. Poster presented at the 13th European Conference on Tourette syndrome and tic disorders (10/2021), Online conference.

6. Bilodeau-Houle, A., Morand-Beaulieu, S. & Marin, M-F. (05/2019). Children's fear levels during an observational fear learning paradigm are modulated by their attachment to their father. Poster presented at the 74th Annual Meeting of the Society of Biological Psychiatry, Chicago, IL, USA.
7. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Motor Preparation in Obsessive-Compulsive Disorder: An LRP Study. Poster presented at the 74th Annual Meeting of the Society of Biological Psychiatry (05/2019) Chicago, IL, USA.
8. Perrault, M.-A., **Morand-Beaulieu, S.**, Courcelles, M., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Étude du profil des schémas d'activation et d'inhibition musculaire lors d'une tâche motrice chez des adultes présentant un trouble des tics persistants ou des comportements répétitifs centrés sur le corps. Poster presented at the 41st congrès annuel de la Société Québécoise de Recherche pour la Psychologie (03/2019), Mont-Tremblant, Québec, Canada.
9. Zerroug, Y., Bilodeau-Houle, A., Peyrot, C., Bouchard, V., Brouillard, A., Arcand, M., **Morand-Beaulieu, S.**, Marin, M.-F. Le coping comme variable psychologique liée à l'apprentissage de la peur. Poster presented at the 41st congrès annuel de la Société Québécoise de Recherche pour la Psychologie (03/2019), Mont-Tremblant, Québec, Canada.
10. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Electrophysiology of the OCD spectrum. Poster presented at the 6th Scientific Day of NeuroQAM (11/2018), Montréal, Québec, Canada
11. **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. The psychophysiology of motor processing in patients with body-focused repetitive behaviors before and after a psychological treatment. Poster presented at the 58th Annual Meeting of the Society for Psychophysiological Research (10/2018), Québec, Québec, Canada
12. Perrault, M.-A., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Muscular tension regulation amongst patients with chronic tic disorders and body-focused repetitive behaviors during a stimulus-response compatibility inhibition task: a surface electromyographic study. Poster presented at the 19th World Congress of Psychophysiology (09/2018), Lucca, Italy.
13. Perrault, M.-A., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Impact of a cognitive behavioral therapy on muscular tension regulation and the chronic tic reduction amongst patients with the Gilles de la Tourette syndrome. Poster presented at the 29th International Congress of Applied Psychology (06/2018), Montréal, Québec, Canada
14. **Morand-Beaulieu, S.**, Perrault, M.-A., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. The impact of a cognitive-psychophysiological therapy on motor planning and execution in Tourette syndrome patients. Poster presented at (1) 25th Annual Meeting of the Cognitive Neuroscience Society (03/2018), Boston, MA, USA; (2) *La recherche en commun : 3^e journée scientifique de la relève en recherche en santé mentale* (03/2018), Montréal, Québec, Canada; (3) Neurosymposium 2018 (06/2018), Montréal, Québec, Canada.
15. Tessier, M., **Morand-Beaulieu, S.**, Leclerc, J. B., Lavoie, M. E., O'Connor, K. P. & Gauthier, B. Profil cognitif de l'enfant atteint du syndrome Gilles de la Tourette : une étude préliminaire. Poster presented at the Neurosymposium 2018 (06/2018), Montréal, Québec, Canada.

16. Perrault, M.-A., **Morand-Beaulieu, S.**, Dolé, S., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Impact d'une thérapie cognitive comportementale et psychophysiologique sur la régulation de la tension musculaire et les tics persistants dans le syndrome de Gilles de la Tourette. Poster presented at (1) Tourette symposium at CHU Ste-Justine (02/2018), Montréal, Québec, Canada; (2) 40th Annual Congress of the *Société Québécoise de Recherche pour la Psychologie* (03/2018), Montréal, Québec, Canada; (3) *La recherche en commun : 3^e journée scientifique de la relève en recherche en santé mentale* (03/2018), Montréal, Québec, Canada.
17. Dolé, S., **Morand-Beaulieu, S.**, Perrault, M.-A., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Analyse du temps de réaction chez des patients atteints du syndrome Gilles de la Tourette à une tâche de compatibilité stimulus-réponse. Poster presented at (1) Annual Congress of neurosciences students at the Université de Montréal (03/2018), Montréal, Québec, Canada; (2) *La recherche en commun : 3^e journée scientifique de la relève en recherche en santé mentale* (03/2018), Montréal, Québec, Canada.
18. **Morand-Beaulieu, S.**, Perrault, M.-A., Dolé, S., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Electrophysiological predictors of response to cognitive-behavioral therapy in Tourette syndrome: an exploratory study. Poster presented at (1) 5th Scientific Day of the NeuroQAM (11/2017), Montréal, Québec, Canada; (2) Montreal EEG Research Days (11/2017), Montréal, Québec, Canada; (3) Tourette symposium at CHU Ste-Justine (02/2018), Montréal, Québec, Canada; (4) 10th Scientific Day of the Quebec Bio-Imaging Network (03/2018), Montréal, Québec, Canada.
19. **Morand-Beaulieu, S.**, Grot, S., Lavoie, J., Leclerc, J. B., Luck, D., Lavoie, M. E. Impulsivity and inhibition in Tourette syndrome: a meta-analysis. Poster presented at (1) 4th NeuroQAM Scientific Day (11/2016), Montréal, Québec; (2) *La recherche en commun : 2^e journée scientifique de la relève en recherche en santé mentale* (03/2017), Montréal, Québec, Canada
20. **Morand-Beaulieu, S.**, O'Connor, K. P., Richard, M., Sauvé, G., Leclerc, J. B., Blanchet, P. J. & Lavoie, M. E. Electrophysiological changes induced by cognitive-behavioural therapy in patients with tic disorders or body-focused repetitive behaviours. Poster presented at (1) Annual Research Day of the *Centre de recherche de l'Institut universitaire en santé mentale de Montréal* (05/2016), Montreal, Quebec, Canada; (2) 18th International Organization of Psychophysiology World Congress (09/2016), La Havana, Cuba.
21. **Morand-Beaulieu, S.**, Sauvé, G., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Modifications in brain functioning after cognitive-psychophysiological therapy in Tourette syndrome patients. Poster presented at (1) 1st World Congress on Tourette Syndrome and Tic Disorders (06/2015), London, United Kingdom; (2) 8th Scientific Day of the Quebec Bio-Imaging Network (01/2016), Montreal, Quebec, Canada; (3) *La recherche en commun : 1st Scientific Day of the Association des étudiants et étudiantes en recherche en santé mentale* (03/2016), Montreal, Quebec, Canada.
22. Sauvé, G., O'Connor, K. P., **Morand-Beaulieu, S.**, Blanchet, P. J. & Lavoie, M. E. The motor complexity of symptoms influences the event-related potentials (ERP) of patients with persistent tic disorders. Poster presented at the 1st World Congress on Tourette Syndrome and Tic Disorders (06/2015), London, United Kingdom.
23. **Morand-Beaulieu, S.**, Fernandes, I., Sauvé, G., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Electrophysiological similarities in Tourette syndrome and chronic tic disorder. Poster presented at (1) Joint Meeting of the 20th Biennial Meeting of the International Society for Developmental Neuroscience and the 5th Annual NeuroDevNet Brain Development Conference (07/2014), Montreal, Quebec, Canada; (2) 7th Scientific Day of the Quebec Bio-Imaging Network (02/2015), Montréal, Québec; (3) Annual

Research Day of the *Centre de recherche de l'Institut universitaire en santé mentale de Montréal* (05/2015), Montreal, Quebec, Canada.

24. Rioux, B., **Morand-Beaulieu, S.** & Lavoie, M. E. Mémoire intacte et marqueurs d'exploration visuelle distincte dans le syndrome de Gilles de la Tourette. Affiche présentée à the 48th Congress of University of Montreal's Faculty of medicine research interns (01/2015), Montreal, Quebec, Canada.
25. **Morand-Beaulieu, S.**, Sauvé, G., Saïd, R., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Normalization of pre-motor processes following cognitive behavioural therapy in Tourette syndrome and chronic tic disorder patients. Poster presented at (1) Annual meeting of the European Society for the Study of Tourette Syndrome (04/2014), Paris, France; (2) Annual Research Day of the *Centre de recherche de l'Institut universitaire en santé mentale de Montréal* (05/2014), Montreal, Quebec, Canada; (3) Annual Research Day of University of Montreal's Department of Psychiatry (11/2014), Montreal, Quebec, Canada.
26. Sauvé, G., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Comparaison des potentiels électro-corticaux chez des patients avec tics moteurs simples ou complexes, non-médicamentés et sans comorbidités. Poster presented at the Annual Research Day of the *Centre de recherche de l'Institut universitaire en santé mentale de Montréal* (05/2014), Montreal, Quebec, Canada.
27. **Morand-Beaulieu, S.**, Sauvé, G., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Effets d'une thérapie cognitivo-comportementale sur les processus de préparation et d'inhibition motrice chez des participants atteints du syndrome de Gilles de la Tourette ou de tics chroniques. Affiche présentée à (1) Annual Research Day of the *Centre de recherche de l'Institut universitaire en santé mentale de Montréal* (05/2013), Montreal, Quebec, Canada; (2) 82nd Annual Congress of the *Association francophone pour le savoir* (ACFAS) (05/2014), Montreal, Quebec, Canada.
28. Sauvé, G., Bouaziz, I., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Cartographies corticales de patients présentant un trouble des tics ou d'habitudes – une étude d'électroencéphalographie (EEG). Poster presented at (1) 8th Scientific Day of the Department of psychology of the Université de Montréal (04/2014), Montréal, Québec, Canada; (2) 82th Annual Congress of the *Association francophone pour le savoir* (ACFAS) (05/2014), Montréal, Québec.
29. J.-Nolin, G., Leclerc, J., **Morand-Beaulieu, S.** & O'Connor, K. P. Effect of a cognitive-behavioural and psychophysiological treatment for tic management on self-ambivalence. Affiche présentée à the 4th Annual Congress of the Canadian Association of Cognitive & Behavioural Therapies (05/2014), Halifax, Nova Scotia, Canada.
30. Sauvé, G., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. A comparison of non-medicated patients exhibiting uncomplicated complex and simple tics: An ERP study. Poster presented at the Annual meeting of the European Society for the Study of Tourette Syndrome (04/2014), Paris, France.
31. Lavoie, M. E., Sauvé, G., **Morand-Beaulieu, S.** & O'Connor, K. P. A neurocognitive approach for the evaluation and treatment outcome of the Gilles de la Tourette syndrome and chronic tic disorders. Poster presented at the Annual meeting of the European Society for the Study of Tourette Syndrome (04/2014), Paris, France.
32. **Morand-Beaulieu, S.**, Fernandes, I., Sauvé, G., O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. ERP comparison of Tourette and chronic tic disorder during a stimulus-response compatibility task. Poster presented at (1) Annual Research Day of University of Montreal's Department of Psychiatry (09/2013), Montreal, Quebec, Canada; (2) 6th

- Scientific Day of the Quebec Bio-Imaging Network (01/2014), Montreal, Quebec, Canada;
 (3) Annual Congress of the *Société Québécoise de Recherche pour la Psychologie* (03/2014), Montréal, Québec.
33. Rioux, B., Lavoie, M. E. & **Morand-Beaulieu, S.** Étude de la fonction oculomotrice dans le syndrome de Gilles de la Tourette. Poster presented at the 47th Congress of University of Montreal's Faculty of medicine research interns (01/2014), Montreal, Quebec, Canada.
 34. Sauvé, G., Bouaziz, I., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. ERP topography of uncomplicated chronic tic and habit disorder. Poster presented at (1) Annual Research Day of University of Montreal's Department of Psychiatry (09/2013), Montreal, Quebec, Canada; (2) 6th Scientific Day of the Quebec Bio-Imaging Network (01/2014), Montreal, Quebec, Canada.
 35. Sauvé, G., **Morand-Beaulieu, S.**, O'Connor, K. P., Blanchet, P. J. & Lavoie, M. E. Attentional functions evaluation of patients with chronic tic disorder or habit disorder – An ERP study. Poster presented at the Annual Research Day of the *Centre de recherche de l'Institut universitaire en santé mentale de Montréal* (05/2013), Montreal, Quebec, Canada.