

Emily L. Belleau
Curriculum Vitae

Contact Information

McLean Hospital/Harvard Medical School
de Marneffe Building
Center for Depression, Anxiety, and Stress Research
Laboratory for Affective and Translational Neuroscience
Office 233A
115 Mill Street
Belmont, MA 02478
Phone: 814-706-4304
Email: ebelleau@mclean.harvard.edu

Education

- 2016-Current **Clinical and Research Postdoctoral Fellow**
McLean Hospital/Harvard University, Department of Psychiatry
Center for Depression, Anxiety, and Stress Research
Laboratory for Affective and Translational Neuroscience
Director: Diego Pizzagalli, Ph.D.
- 2015-2016 **Predoctoral Psychology Resident**
University of Mississippi Medical Center (UMMC)/G.V. (Sonny)
Montgomery VA Medical Center Psychology Training Consortium
Research Preceptor: Scott F. Coffey, Ph.D.
- 2009 – 2016 **Ph.D. in Clinical Psychology**
University of Wisconsin-Milwaukee
Dissertation: *Neural plasticity of extinction learning: Relations with dispositional anxiety and extinction retention*
Advisor: Christine L. Larson, Ph.D.
- 2012 **M.S. in Clinical Psychology**
University of Wisconsin-Milwaukee
Master's Thesis: *Negative emotion's effect on cognitive load and cognitive load's effect on negative emotion: Is it emotional interference, emotion regulation, or both?*
Advisor: Christine L. Larson, Ph.D.
- 2004 – 2008 **B.S. in Psychology**
Pennsylvania State University
Schreyer Honors College

Honor's Thesis: *Depression and emotion recognition*
Thesis Advisor: Amy D. Marshall, Ph.D.

Honors and Awards

2014	UWM Chancellor Golda Meir Library Scholar Award Finalist
2013	UWM Psychology Department Summer Research Fellowship
2012-2013	UWM Clinical and Translational Science Institute Research Assistantship
2012	UWM Travel Award
2011	Society for Psychophysiological Research Training Fellowship
2008	Poster Award at the Penn State Undergraduate Psi Chi Conference
2007	Phi Kappa Phi

Peer-Reviewed Publications

Miskovich, T.A., Pedersen, W.S., **Belleau, E.L.**, Shollenbarger, S., Lisdahl, K.M., & Larson, C.L. (2016). *Cortical gyrification patterns associated with trait anxiety*, *11(2)*, e0149434. *PLoS ONE*.

Belleau, E.L., Taubitz, L.E., & Larson, C.L. (2015). Imbalance of default mode and regulatory networks during externally focused processing in depression. *Social Cognitive and Affective Neuroscience* *10*, 744-751. <http://dx.doi.org/10.1093/scan/nsu117>

Belleau, E.L., Phillips, M.L., Birmaher, B., Axelson, D.A., & Ladouceur, C.D. (2013). Aberrant executive attention in unaffected youth at familial risk for mood disorders. *Journal of Affective Disorders*, *147*, 397-400. <http://dx.doi.org/10.1016/j.jad.2012.08.020>

Snorrason, I., **Belleau, E.L.**, & Woods, D.W. (2012). How related are hair pulling disorder (trichotillomania) and skin picking disorder? A review of evidence for comorbidity, similarities and shared etiology. *Clinical Psychology Review*, *32*, 618-629. <http://dx.doi.org/10.1016/j.cpr.2012.05.008>

Marshall, A.D., Sippel, L.M., & **Belleau, E.L.** (2011). Negatively biased emotion perception in depression as a contributing factor to psychological aggression perpetration: A preliminary study. *The Journal of Psychology: Interdisciplinary and Applied*, *145*, 521-535. <http://dx.doi.org/10.1080/00223980.2011.599822>

Manuscripts Under Review

Belleau, E.L., Wanklyn, S.G., Zambrano-Vasquez, L., Chin, E.G., Schumacher, J.A., Coffey, S.F. (2016). *Pretreatment predictors of early termination of prolonged exposure therapy in patients with chronic posttraumatic stress disorder and comorbid substance use disorders*. Manuscript submitted for publication.

Pedersen, W.S., Balderston, N.L., Miskovich, T.A., **Belleau, E.L.**, Helmstetter, F.J., & Larson, C.L. (2016). *Disentangling the effects of stimulus novelty and affective valence in the*

amygdala, hippocampus, and bed nucleus of the stria terminalis. Manuscript submitted for publication.

Zambrano-Vasquez, L., Levy, H.C., **Belleau E.L.**, Dworkin, E.R, Sharp, K.M.H., & Pittenger, S. (2016). *Moving towards a transdiagnostic approach: Using the research domain criteria framework to track domains of change in treatment for comorbid posttraumatic stress disorder and substance use disorder*. Manuscript submitted for publication.

Zambrano-Vasquez, L., Wanklyn, S.G., **Belleau, E.L.**, Hahn, K.S., & Connolly, K.M. (2016). *The mediating role of intolerance of uncertainty in the relationship between worry and PTSD symptoms during trauma treatment*. Manuscript submitted for publication.

Manuscripts in Preparation

Belleau, E.L., Pedersen, W.S., Miskovich, T.A., & Larson, C.L. (2016). *Neural plasticity of extinction: Relations with dispositional anxiety and extinction retention*. Manuscript in preparation.

deRoon-Cassini, T., Taubitz, L.E., **Belleau, E.L.**, Cahill, S.P., Brasel, K.J. & Larson, C.L. (2016). *Neural markers evident early posttrauma predict risk for chronic PTSD*. Manuscript in preparation.

Wanklyn, S. G., Dworkin, E. R., **Belleau, E. L.**, & Coffey, S. F. (2016). *Changes in PTSD symptoms and substance use cravings across time*. Manuscript in preparation.

Symposia at National Conferences

Larson, C.L., deRoon-Cassini, T., Taubitz, L.E., & **Belleau, E.L.** (September, 2014). *Neural markers of emotion dysregulation in acute trauma survivors predict chronic PTSD*. Paper presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.

Belleau, E.L., Taubitz, L.E., & Larson, C.L. (September, 2014) Imbalance of default mode and regulatory networks during externally focused processing in depression. In Rebecca L. Siltan & Laura Stockdale (Chairs), *The role of context on interrelated top-down and bottom-up affective processes*. Symposium conducted at the annual meeting of the Society for Psychophysiological Research, Atlanta, GA.

Larson, C.L., deRoon-Cassini, T., Taubitz, L.E., & **Belleau, E.L.** (September, 2014). Divergent neural correlates of hyperarousal and intrusive symptoms in acute trauma survivors. In Jason S. Moser (Chair), *Distinguishing dimensions of anxiety at the neural level*. Symposium presentation at the annual meeting of the Society for Psychophysiological Research, Atlanta, GA.

Ladouceur, C.D., **Belleau, E.L.**, Birmaher, B., Axelson, D.A., & Phillips, M.L. (May, 2011). Deficits in attentional control processes in youth at high familial risk for bipolar disorder

and unipolar depression: Potential endophenotype for mood disorders? In Mary L. Phillips & A.H. Young (Chairs), *Unipolar versus bipolar depression: Neurobiology informing diagnosis and future intervention*. Symposium presentation at the annual meeting of the Society for Biological Psychiatry, San Francisco, CA.

Local Talks

Belleau E.L. & Larson, C.L. (April, 2015). *Extinction-related neural plasticity: Associations with trait anxiety and extinction retention*. Talk presented at the annual Association of Graduate Students in Psychology (AGSIP) Research Symposium, University of Wisconsin-Milwaukee.

Belleau, E.L. & Larson, C.L. (July, 2014). *Fear and safety learning*. Talk presented at the Upward Bound Math and Science Data Blitz, University of Wisconsin-Milwaukee.

Belleau, E.L. & Larson, C.L. (August, 2013). *Neural plasticity of fear extinction learning: Relations with anxiety*. Talk given at Rogers Memorial Hospital, Oconomowoc, WI.

Belleau, E.L. & Larson, C.L. (April, 2013). *Neural plasticity of fear extinction learning: Relations with anxiety*. Talk presented at the weekly Clinical Translational Science Research Seminar, Medical College of Wisconsin, Milwaukee, WI.

Belleau, E.L., Taubitz, L.E., Castro, M., & Larson, C.L. (April, 2013). *Neural correlates of rumination in depression*. Talk presented at the annual Association of Graduate Students in Psychology (AGSIP) Research Symposium, University of Wisconsin-Milwaukee.

Belleau, E.L., Ladouceur, C.D., Birmaher, B., Axelson, D., & Phillips, M.L. (April, 2010). *Deficits in executive attention in offspring at high familial risk for mood disorders*. Talk presented at the annual Association of Graduate Students in Psychology (AGSIP) Research Symposium, University of Wisconsin-Milwaukee.

Poster Presentations

Belleau, E.L., Taubitz, L.E., & Larson, C.L. (September, 2014). *Imbalance of default mode and regulatory networks during externally focused processing in depression*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.

Belleau, E.L., Taubitz, L.E., & Larson, C.L. (April, 2014). *Imbalance of default mode and regulatory networks during externally focused processing in depression*. Poster presented at the first meeting of the Society for Affective Science, Bethesda, MD.

Miskovich, T.A., Pedersen, W.S., **Belleau, E.L., & Larson, C.L.** (April, 2014). *Decreased cortical gyrification is associated with trait anxiety*. Poster presented at the first meeting of the Society for Affective Science, Bethesda, MD.

- Pedersen, W.S., Balderston, N.L., Miskovich, T.A., **Belleau, E.L.**, Schultz, D.H., Helmstetter, F.J., & Larson, C.L. (April, 2014). *Independent effects of novelty and valence on the amygdala BOLD response*. Poster presented at the annual meeting of the Society for Affective Science, Bethesda, MD.
- Pedersen, W.S., Shackman, A.J., Blaisdell, J.A., **Belleau, E.L.**, Stout, D.M., & Larson, C.L. (April, 2013). *Posterior parietal cortex activation predicts working memory capacity for faces*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Belleau, E.L.**, Larson, C.L., Jakubowski, E.J., & Siegle, G.J. (September, 2012). *Working memory capacity influences the effectiveness of reappraisal emotion regulation strategies*. Poster presented at the annual meeting of the Society for Psychophysiological Research, New Orleans, LA.
- Belleau, E.L.**, Taubitz, L.E., Larson, C.L., & Castro, M. (May, 2012). *The impact of neural functioning in response to emotional information*. Poster presented at the Biological Psychiatry Society Annual Convention, Philadelphia, PA.
- Jakubowski, E., **Belleau, E.L.**, & Larson, C.L. (April, 2012). *Effect of negative emotion on cognitive load and mood*. Poster presented at the UWM Undergraduate Research Symposium, Milwaukee, WI.
- Belleau, E.L.**, Taubitz, L., Larson, C.L. & Castro, M. (September, 2011). *The impact of neural functioning in response to emotional information*. Poster presented at the 51st Annual Meeting of the Society for Psychophysiological Research, Boston, MA.
- Lewis, K.L., Steuer, E.L., Duke, M.W., Taubitz, L., **Belleau, E.L.**, & Larson, C.L. (September, 2011). *Frontal late positive potential predicts subsequent memory for pleasant pictures*. Poster presented at the Society for Psychophysiological Research, Boston, MA.
- Lewis, K.L., Steuer, E.L., Duke, M.W., Taubitz, L., **Belleau, E.L.**, & Larson, C.L. (May, 2011). *Frontal late positive potential predicts subsequent memory for pleasant pictures*. Poster presented at the Midwest Psychological Association meeting, Chicago, IL.
- Belleau, E.L.**, Taubitz, L. & Larson, C.L. (November, 2010). *Ruminative thinking and cognitive reappraisal predict the experience of depressive symptomology*. Poster accepted at the Association for Behavioral and Cognitive Therapies 44th Annual Convention, San Francisco, CA.
- Taubitz, L.E., **Belleau, E.**, & Larson, C.L. (November, 2010). *Decreased BAS reward sensitivity predicts anhedonia better than general distress symptoms of depression*. Poster presented at the Association of Behavioral and Cognitive Therapies' 44th annual meeting, San Francisco, CA.

Belleau, E.L., Steur, E.L., Duke, M.W., Kaad, L.M., & Larson, C.L. (October, 2010). *The downward V is an emotionally meaningful environmental cue: An event-related potential study*. Poster submitted to the Social and Affective Neuroscience Society 4th Annual Meeting, Chicago, IL.

Duke, M.W., Steuer, E.L., Taubitz, L.E., **Belleau, E.L.,** & Larson, C.L. (October, 2010). *EEG responses to emotional images: examination of the effects of rumination and distraction in depression*. Poster presented at the Society for Social & Affective Neuroscience Society, Chicago, IL.

Duke, M.W., Steuer, E.L., Taubitz, L.E., **Belleau, E.L.,** & Larson, C.L. (October, 2010). *EEG responses to emotional images: examination of the effects of rumination and distraction in depression*. Poster presented at the Society for Psychophysiological Research, Portland, OR.

Belleau, E.L., Ladouceur, C.D., Birmaher, B., Axelson, D., & Phillips, M.L. (May, 2009). *Deficits in executive attention in offspring at high familial risk for mood disorders* Poster presented at the Annual Society of Biological Psychiatry 64th Annual Convention and Meeting, Vancouver, Canada.

Belleau, E.L. & Marshall, A.D. *Depression and emotion recognition* (April, 2008). 1st runner up awarded Poster presented at the Psi Chi (Psychology Honors Society) Undergraduate Research Conference, The Pennsylvania State University, University Park, PA.

Belleau, E.L. & Marshall, A.D. (April, 2008). *Depression and emotion recognition* Poster presented at the Columbia University Undergraduate Research Symposium, Columbia University, New York, NY.

Ad Hoc Journal Reviewer

Psychophysiology (with Christine L. Larson, Ph.D.)

Cognition and Emotion

Psychiatry Research: Neuroimaging

Drug and Alcohol Dependence (with Scott F. Coffey, Ph.D.)

Journal of Child Psychology and Psychiatry

Neuroimaging Training

Connectivity course: Structural and functional brain connectivity via MRI and fMRI
October 28th–November 1st 2013, Athinoula A. Martinos Center for Biomedical Imaging,
Massachusetts General Hospital, Charlestown, Massachusetts

Coordinator: Robert L. Savoy, Director of fMRI Education, Athinoula A. Martinos Center for Biomedical Imaging

FSL Neuroimaging Training

June 3-6th 2013, University of Wisconsin-Milwaukee

Instructor: Laura Libby, University of California-Davis

Neuroimaging, Psychophysiological, and Genetics Research Skills

- Task-based neuroimaging analyses with AFNI and FSL
- Resting state connectivity (both seed based and independent component analysis approaches) using AFNI and GIFT software packages
- Diffusion tensor imaging analyses using FSL, AFNI, and Tracula software packages
- EEG and ERP collection and analysis using EEGLAB, ERPLAB, and Neuroscan software packages
- Pupilometry, facial EMG, skin conductance collection and analysis
- SNP genotyping
- Programing experiments with Eprime

Research Supervision Experience

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| 2013-2014 | Supervision of Undergraduate Thesis (with Christine Larson, Ph.D.)
Student: Jessica Hanson
B.S. Thesis: <i>Increased mid anterior cingulate local gyrification in psychopaths</i> |
| 2010-2011 | Supervision of Undergraduate Thesis (with Christine Larson, Ph.D.)
Student: Lindsay Kaad
B.S. Thesis: <i>Attention training for social anxiety in a single session: Using basic geometric shapes</i> |

Teaching Experience

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| Fall 2015 | Guest Lecturer
Advanced Psychotherapy: Cognitive-Behavioral Therapy
Second Year Psychiatry Residents (PGY II) |
| Spring 2015 | Teaching Assistant, Psychology 320: Psychology of Women |
| Fall 2014 | Teaching Assistant, Psychology 677: Experimental Social Psychology |
| Spring 2014 | Teaching Assistant, Psychology 677: Experimental Social Psychology |
| Fall 2013 | Teaching Assistant, Psychology 205: Personality |

Academic and Clinical Positions

- 2009-2016 **Graduate Student Research Assistant**
Affective Neuroscience Lab, University of Wisconsin-Milwaukee
Supervisor: Christine L. Larson, Ph.D.
- 2016 **Psychology Resident Trainee**
Evidenced Based Psychotherapy Practice-Mood Disorders
Supervisors: Jeanne Gabriele, Ph.D., Lauren Graves, Ph.D.
- 2016 **Psychology Resident Trainee**
Addictive Disorders Treatment Program
G.V. (Sonny) Montgomery VA Medical Center
Supervisors: Andrew Voluse, Ph.D., Kevin Connolly, Ph.D., Ameer Patel, Ph.D.
- 2015 **Psychology Resident Trainee**
Trauma Recovery Program
G.V. (Sonny) Montgomery VA Medical Center
Supervisors: Cicely Taravella, Ph.D., Michael Ritter, Ph.D., Elizabeth Nosen, Ph.D.
- 2015 **Psychology Resident Trainee**
Community-Based Dual Disorder Rotation
University of Mississippi Medical Center
Supervisors: Scott F. Coffey, Ph.D. & Julie A. Schumacher, Ph.D.
- 2014-2015 **Therapist**
Traumatic Stress and Anxiety Disorders Specialty Clinic
University of Wisconsin-Milwaukee
Supervisor: Shawn P. Cahill, Ph.D.
- 2011-2015 **Therapist**
General Psychology Clinic
University of Wisconsin-Milwaukee
Supervisor: Robyn C. Ridley, Ph.D.
- 2012-2013 **Psychology Practicum Trainee**
Rogers Memorial Hospital, Eating Disorder Center
Supervisors: Bradley C. Riemann, Ph.D. & Mary E. Fitzpatrick, Ph.D.
- 2011-2012 **Therapist**
Depression Specialty Clinic
University of Wisconsin-Milwaukee
Supervisor: Jonathan W. Kanter, Ph.D.

- 2010-2011 **Psychological Assessment Practicum Trainee**
General Psychology Clinic & Depression Specialty Clinic
University of Wisconsin-Milwaukee
Supervisors: Bonnie P. Klein-Tasman, Ph.D., Han-Joo Lee, Ph.D., &
Jonathan W. Kanter, Ph.D.
- 2008-2009 **Postbaccalaureate Research Associate**
Western Psychiatric Institute and Clinic, Pittsburgh, PA
Supervisor: Cecile D. Ladouceur, Ph.D.
- 2007-2008 **Mental Health Technician, Meadows Psychiatric Center**
Centre Hall, PA

Professional Organizations

American Psychological Association
Sigma Xi
Social and Affective Neuroscience Society
Society for Affective Science
Society for Psychophysiological Research
Society for Research in Psychopathology

References

References available upon request.