Curriculum Vitae

**Connie Lamm**

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**Degrees:**

Ph.D. University of Toronto, Developmental Science & Program in Neuroscience

 June 2008

M.A. University of Toronto, Child Study and Education, 2002

B.A. University of Waterloo, Psychology (Honors), 1999

**Positions:**

*Research Positions:*

2016 – Present Assistant Professor, Department of Psychological Science, University of Arkansas

2012 – 2016 Assistant Professor, Department of Psychology, University of New Orleans

 Director of the Applied Biopsychology Program

2009 – July 2012 Post-Doctoral Fellow/Faculty Research Associate, Child Development Laboratory
Department of Human Development, University of Maryland

Research Supervisors: Nathan A. Fox, Ph.D. and Danny S. Pine, M.D.

2008 – 2009 Post-Doctoral Fellow, Department of Psychology, Hunter College, CUNY,

New York City, NY

Research Supervisor: Tracy Dennis, Ph.D.

2003 – 2008 Research Assistant

 Human Development and Applied Psychology, University of Toronto

 Research Supervisor: Marc D. Lewis, Ph.D.

*Adjunct or Associated Positions:*

2016 – Present Non-Tenure Gratis Appointment, Department of Psychology, University of New Orleans

2015 – Present Associated Personnel, Developmental Medicine, Children’s Hospital Boston, MA

2008 – 2009 Adjunct Assistant Professor, Hunter College, CUNY, New York City, NY

**Publications:**

*Articles in Refereed Journals (\* Indicates Written by Student from Lamm Lab Data):*

\*Rawls, E., Jabr, M., Scott, N., Moody, S., & **Lamm, C**. (*under review*). Neural mechanisms of action switching moderate the association between effortful control and aggression. *Brain and Cognition*.

Frenkel, T. I., Koss, K. J., Donzella, B., Frenn, K. A., **Lamm, C**., Fox, N. A., Gunnar, M. R. (*In Press*). ADHD symptoms in post-institutionalized children are partially mediated by altered frontal EEG asymmetry. *Journal of Abnormal Child Psychology.*

**Lamm, C.**, Benson, B., Guyer, A. E., Perez-Edgar, K., Fox, N. A., Pine, D. S., Ernst, M. (2014). Longitudinal study of striatal response to reward anticipation from adolescence into early adulthood. *Brain and Cognition, 89,* 51-60*.*

**Lamm, C.,** Walker, O. L., Degnan, K. A., Henderson, H. A., Pine, D. S., Martin McDermott, J., & Fox, N. A., (2014). Cognitive control moderates early childhood temperament in predicting social behavior in 7-year-old children: An ERP study. *Developmental Science, 17,* 667-681*.*

Mai, X., Xu, L., Li, M., Shao, J., Zhao, Z., **Lamm, C.,** Fox, N. A., Nelson, C. A., & Lozoff, B. *(2014)*. Sounds elicit relative left frontal alpha activity in 2-month-old infants. *International Journal of Psychophysiology, 94,* 287-291*.*

Lahat, A., Walker, O., **Lamm, C.**, Degnan, K. A., Henderson, H. A., & Fox, N. A. *(2014)*. Cognitive conflict links early behavioral inhibition and social problem solving during social exclusion in childhood. *Infant and Child Development, 23,* 273-282*.*

Lahat, A., **Lamm, C**., Chronis-Tuscano, A., Pine, D. S., Henderson, H. A., & Fox, N. A. (*2014)*. Early behavioral inhibition and increased error monitoring predict later social phobia symptoms in childhood. *Journal of the American Academy of Child and Adolescent Psychiatry, 53,* 447- 455*.*

**Lamm, C.**, Pine, D. S., & Fox, N. A. *(*2013*).* Impact of negative affectively charged stimuli and response style on cognitive-control-related neural activation: An ERP study. *Brain and Cognition, 83, 234-243*.

**Lamm, C**., White, L., McDermett, J., & Fox, N. A. (2012*).* Neural activation underlying cognitive control in the context of neutral and affectively charged pictures in children. *Brain and Cognition, 79,*181-187.

Granic, I., Meusel, LA, **Lamm, C.**, Woltering, S., & Lewis, M. D. (2012). Emotion regulation in children with behavior problems: Linking behavioral and brain processes. *Development and Psychopathology,24,* 1019-1029*.*

**Lamm, C.**, Granic, I., Zelazo, P. D., & Lewis, M. D. (2011). Magnitude and chronometry of neural mechanisms of emotion regulation in subtypes of aggressive children. *Brain and Cognition, 77,* 159-169*.*

Woltering, S., Granic, I., **Lamm, C.**, Lewis, M. D. (2011)*.* Neural changes associated with treatment outcome in children with externalizing problems. *Biological Psychiatry,70,* 873-879.

Prencipe, A., Kesek, A., Cohen, J., **Lamm, C.**, Lewis, M. D., & Zelazo, P. D. (2011*).* Development of Hot and Cool Executive Function during the Transition to Adolescence. *Journal of Experimental Child Psychology, 108,* 621-637*.*

Chapman, H., Woltering, S., **Lamm, C**., & Lewis, M. D. (2010). Hearts and minds: Coordination of neurocognitive and cardiovascular regulation in children and adolescents. *Biological Psychology, 84,* 296-303.

**Lamm**, C. & Lewis, M. D. (2010). Developmental change in the neurophysiological correlates of self-regulation in high- and low-emotion conditions. *Developmental Neuropsychology, 35,* 156-176*.*

Lewis, M. D., Granic, I., **Lamm**, C., Zelazo, P. D., Stieben, J., Todd, R. M., Moadab, I., & Pepler, D. (2008). Changes in the neural bases of emotion regulation associated with clinical improvement in children with behavior problems. *Development and Psychopathology, 20,* 913-939*.*

Lewis, M. D., Granic, I., & **Lamm**, C. (2006). Behavioral differences in aggressive children linked with neural mechanisms of emotion regulation. *Annals of the New York Academy of Sciences, 1094, 164-177.*

**Lamm**, C., Zelazo, P. D., & Lewis, M. D. (2006). Neural correlates of cognitive control in childhood and adolescence: Disentangling the contributions of age and the development of executive function. *Neuropsychologia, 44, 2139-2148*.

Lewis, M. D., **Lamm**, C., Segalowitz, S. J., Stieben, J., & Zelazo, P. D. (2006). Neurophysiological correlates of emotion regulation in children and adolescents. *Journal of Cognitive Neuroscience, 18,* 430-443*.*

*Book Chapters*

White, L.K., **Lamm**, C., Helfinstein, S.M., & Fox, N.A. (2012). Neurobiology and neurochemistry of temperament in children. In M. Zentner and R. Shiner (Eds.) *Handbook of Temperament*, (pp. 347-368), New York: Guilford Press.

*Papers in Refereed Conferences:*

Shirtcliff, E.A., **Lamm, C.**, Lee, Y., Moody, S. Velasquez, M. (2015). A neurobiological view on testosterone responsivity to reward- and challenge. Presented at the International Convention of Psychological Science (ICPS), Amsterdam, The Netherlands.

**Lamm, C.** (2014, October). Neural correlates of self-regulation: going beyond individual or group differences. Paper presented at the meeting of the American Academy of Child and Adolescent Psychiatry, San Diego, CA, USA.

**Lamm, C.** & McDermett, J. M.(2013, April). Cognitive control moderates the continuity of reticent behavior in children: An ERP study. Paper presented at the meeting of the Society for Research in Child Development, Seattle, Washington, USA.

**Lamm, C.** & Fox, N. A. (2011, September). Emotion-related modulation of behavioral and neural correlates of reactive and proactive control. Paper presented at the meeting of the Society for Psychophysiological Research, Boston, MA, USA.

**Lamm, C**., White, L., McDermett, J., & Fox, N. A. (2010, October*).* Differential source-space activation patterns underlying the inhibitory N2 for temperamentally fearful and non-fearful children. Paper presented at the meeting of the Society for Psychophysiological Research, Portland, Oregon, USA.

Dennis, T. A., Hajcak, G., & **Lamm**, C. (2008, October). *ERP correlates of attention towards emotion: Implications for emotion regulation.* Paper presented at the meeting of the Society for Psychophysiological Research, Austin, Texas, USA. – ***Paper presented by the third author***

**Lamm**, **C**. & Lewis, M. D. (2008, July). *Neural mechanisms underlying the emotion-regulation capabilities*

*of subtypes of aggressive children: An ERP study*. Paper presented at the meeting of the International Society for the Study of Behavioural Development, Wurzburg, Germany.

**Lamm**, **C**. & Lewis, M. D. (2007, June). *Development of emotion regulation: a function of cortical efficiency.* Paper presented at the annual meeting of the Jean Piaget Society, Amsterdam,

Netherlands.

Lewis, M. D., **Lamm**, **C**., Stieben, J., & Zelazo, P. D. (2006, March). *Age effects on associations*

*between child temperament and cortical indices of emotion regulation.* Paper presented at the meeting of the Society for Research on Adolescence, San Francisco, USA. – ***Paper presented by second author***

*Invited Talks and Lectures:*

**Lamm, C.** (2015, November). Translational benefits to studying the neural correlates underlying self-regulation. Presented at the University of Arkansas, Fayetteville, AR

**Lamm, C.** (2015, April). *Neural correlates of self-regulation: going beyond group differences.* Presented at Tulane University, New Orleans, LA

**Lamm, C.** (2014, January). *EEG: Generation to use.* Invited guest lecture, Child & Adolescent Psychiatry, Tulane University School of Medicine.

**Lamm, C.** (2013, November). *Neural correlates of self-regulation.* Grand Rounds Presentation, Child & Adolescent Psychiatry, Tulane University School of Medicine.

**Lamm, C.** (2011, February). *Neural correlates of response inhibition: What happens in the context of emotion.* Presentation at the University of Maryland, College Park, MD

**Lamm, C.** & Lewis, M. D. (2009, June). *Neural mechanisms underlying individual differences in emotion regulation.* Invited symposium talk presented at the annual meeting of the Jean Piaget Society, Park City, Utah, USA.

**Lamm, C.** & Lewis, M. D. (2009, January). *Investigating developmental differences in emotion regulation to scaffold our understanding of individual differences.* Presentation at the Section on Development and Affective Neuroscience, National Institute of Health, Bethesda, MD

*Refereed Poster Presentation (\* Indicates Presented by Student from Lamm Lab Data):*

\*Jabr, M.M., Rawls, E., **Lamm, C.,** & Fox, N. A. (2016, September). *Technology as an escape mechanism: neural correlates associated with multimedia multitasking during face-to-face interactions.* Poster to be presented at the annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

\*Hobbs, D., Armes, C., Jabr, M.M., Rawls, E., & **Lamm, C.** (2016, September). *Amplified prefrontal neural functioning in cognitive control is associated with enhanced working memory in children.* Poster to be presented at the annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

\*Rawls, E., Denke, G., Jabr, M.M., Armes, C., Hobbs, D., & **Lamm, C.** (2016, September). *Neural mechanisms of attentional processing underlie the link between anxiety and emotional eating.* Poster to be presented at the annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

**\***Tountas, A.M., Alkhafaf, F., Michel, J., Moody, S., Lee, Y., Shirtcliff, E., and **Lamm, C**. (September, 2016). *High Social Competitiveness and N2 Activation: An Argument for Reduced Neural Resource Utilization.* Poster to be presented at the annual meeting for the Society for Psychophysiological Research in Minneapolis, MN.

\*Moody, S., Lee, Y., Shirtcliff, E.A., **Lamm, C.** (2016,April). *Selective visual sensory attention and testosterone reactivity during a competitive task.* Poster presented at the Wisconsin Symposium on Emotion, Madison, WI.

\*Moody, S., Lee, Y., Shirtcliff, E.A., **Lamm, C.** (2016, July). *Selective visual sensory attenuation and testosterone reactivity during a competitive task.* Poster to be presented at the annual meeting for the Society of Human Behavior and Evolution, Vancouver, BC, Canada

\*Tountas, A.M., **Lamm**, C., & Beaton, E.A. (2016, April). *Hormonal correlates of P50 suppression in socially anxious young adults.* Poster presented at the annual meeting for the Society for Cognitive Neuroscience, New York, NY, USA.

\*Lee, Y., **Lamm, C**., Moody, S.N., & Shirtcliff, E.A. (2015, December) *Testosterone Reactivity to a Monetary Incentive Delay (MID) task during Electroencephalography (EEG).*Poster Presented at the North American Saliva Symposium, Seattle, WA.

\*Jabr, M., Denke, G., Rawls, E. & **Lamm, C.** (2015, October). *Neural indices moderate the association between video gameplay and aggression.* Poster presented at the annual meeting of the Society for Psychophysiological Research, Seattle, WA, USA.

\*Rawls, E., Jabr, M., Moody, S., & **Lamm, C.** (2015, October). *Neural mechanisms of action switching moderate the association between effortful control and aggression.*Poster presented at the annual meeting of the Society for Psychophysiological Research, Seattle, WA, USA.

\*Denke, G. & **Lamm, C.** (2015, September). *Attentional blink: An antecedent to binge eating behavior.* Poster to be presented at the annual meeting of the Society for Psychophysiological Research, Seattle, WA, USA.

\*Lee, Y., Moody, S., Shirtcliff, E. A., **Lamm, C**. (2015, April). *Testosterone reactivity and event-related potentials using the MD task.* Poster presented at Wisconsin Symposium on Emotion, Madison, WI.

\*Moody, S. & **Lamm, C.** (2015, March). Neurophysiological signature of violence desensitization and N2 activation: An ERP study. Poster presented at the meeting of the Society for Research in Child Development, Philadelphia, PA, USA.

Frenkel, T., Donzella, B., Frenn, K., **Lamm, C**., Gunnar, M., & Fox, N. A. (2015, March). *Externalizing symptoms in post-institutionalized (PI) children are partially mediated by altered EEG asymmetry.* Poster presented at the meeting of the Society for Research in Child Development, Philadelphia, PA, USA.

\*Denke, G. & **Lamm**, C. (2014, September). *Attentional blink: An antecedent to binge eating behavior.* Poster presented at the meeting of the Southeastern Conference Symposium on Prevention of Obesity: Overcoming a 21st Century Public Health Challenge.

Donzella, B., Frenn, K., **Lamm, C.,** & Gunnar, M. R.(2013, April). *Early adversity, nutrition & hypoactive patterns of EEG in post-institutionalized children.* Poster presented at the meeting of the Society for Research in Child Development, Seattle, Washington, USA.

Goldstein, J. N., Vieira, F. G., **Lamm, C**., Reeb-Sutherland, B. C. (2010, March). *Electrophysiological correlates of infant temperament and sociability.* Poster presented at the biennial meeting of the International Society on Infant Studies, Baltimore, MD.

**Lamm, C**, DeCicco, J., & Dennis, T. A. (2009, October).*ERP marker of emotion regulation: An individual differences study.* Poster presented at the annual meeting of the Society for Psychophysiological Research, Berlin, Germany.

O’Toole, L., Reuland, M., **Lamm, C**., & Dennis, T.A. (2009, May). *Induced attentional biases affect performance on the dot probe task*. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.

**Lamm**, C. & Lewis, M. D. (2007). *Subtyping childhood aggression: A neurophysiological study.* Poster presented at the annual meeting of the Society for Cognitive Neuroscience, New York.

**Lamm**, C., Zelazo, P. D., & Lewis, M. D. (2006, April). *Neural correlates of cognitive control in childhood and adolescence: Disentangling the contributions of age and executive function.* Poster presented at the annual meeting of the Society for Cognitive Neuroscience, San Francisco.

**Lamm**, C., Lewis, M. D., Stieben, J., Zelazo, P. D., & Granic, I. (2005, April). *Developmental differences in evaluative processing: An ERP study.* Poster presented at the biannual meeting of the Society for Research in Child Development, Atlanta.

**Lamm**, C., Lewis, M. D., Stieben, J., Zelazo, P. D., & Granic, I. (2004, October). *Increased frontal ERP activation for externalizing children in response to negative feedback.* Poster presented at the annual meeting of the Society for Psychophysiological Research.

Stieben, J., Lewis, M. D., Granic, I., **Lamm**, C., & Zelazo, P. D. (2004, October). *ERP indices of emotion regulation in antisocial children: A treatment outcome study.* Poster presented at the annual meeting of the Society for Psychophysiological Research.

**Lamm**, C., Lewis, M.D., Stieben, J., Zelazo, P. D., & Granic, I. (2004, April). *Increased ERP activation in children in response to negative feedback.* Poster presented at the annual meeting of the Society for Cognitive Neuroscience, San Francisco.

Lewis, M. D., Stieben, J., **Lamm**, C., & Zelazo, P. D. (2004, April). *Measuring cortical mechanisms of emotion regulation in children with event-related potentials.* Poster presented at the annual meeting of the Society for Cognitive Neuroscience, San Francisco.

Stieben, J., Lewis, M. D., Granic, I., **Lamm**, C., & Zelazo, P. D. (2004, April). *Evoked potential indices of emotion regulation and error processing in antisocial children.* Poster presented at the annual meeting of the Society for Cognitive Neuroscience, San Francisco.

Lewis, M. D., Stieben, J., **Lamm**, C., & Zelazo, P. D. (2003, September). *Cognitive ERPs tapping emotion regulation in antisocial youth.* Poster presented at the annual meeting of the New York Academy of Sciences, New York.

**Lamm**, C. & Jain, U. (2002, November). *Do impulsive individuals display more criminal behavior?* Poster presented at the annual meeting of the Canadian Academy of Child Psychiatry, Banff, Alberta.

Jain, U. & **Lamm**, C. (2002, November). *Is impulsivity a risk factor for negative life events?* Poster presented at the annual meeting of the Canadian Academy of Child Psychiatry, Banff, Alberta.

**Grants & Contracts**

1. **Grants and contracts received**

Title: Neurodevelopmental mechanisms underlying self-regulation using ERPs

Role: Principal Investigator; Source: Louisiana Board of Regents

Cost: $128,355.00; Dates: 6/1/2015 to 8/15/2016; LEQSF(2015-18)-RD-A-32

Summary: Plotting neurodevelopmental change for typically developing children and aggressive children 7-17 years of age for two self-regulatory strategies: reactive control and proactive control.

Title: Examining differential neural activation underlying attentional control for expert and novice mindfulness practitioners

Role: Principle Investigator; Source: Louisiana Board of Regents

Cost: $4,500.00; Dates: 1/1/2015 to 12/31/2015; LEQSF-EPS(2015)-SURE-171

Summary: Funds will be used to collect ERP pilot data to assess differential patterns of neural activation between expert and novice mindfulness practitioners

Title: Examining the neural mechanisms underlying the association between media violence exposure and aggressive behavior

Role: Principle Investigator; Source: Louisiana Board of Regents

Cost: $4,500.00; Dates: 6/1/2014 to 5/31/2015; LEQSF-EPS(2014)-SURE-132

Summary: Funds were used to collect ERP pilot data to assess the impact of media violence on self-regulation and in-group/out-group biases.

Title: The effects of testosterone on neurocognitive development

Role: Principle Investigator; Source: Louisiana Board of Regents

Cost: $4,500.00; Dates 6/1/2013 to 5/31/2014; LEQSF-EPS(2013)-SURE-102

Summary: Funds were used to collect ERP and neuroendocrine pilot data to assess the impact of testosterone reactivity on cognitive control

Title: Developmental differences in the neural correlates underlying attentional control: An ERP study

Role: Principal Investigator; Source: University of New Orleans (SCoRe)

Cost: $12,000.00; Dates: May 18, 2013 to August 18, 2013

Summary: Collecting pilot data to explore the neural correlates underlying deficits in attentional control using ERPs

1. **Grants and contracts applied for**

Title: Income and child development in the first three years of life

Role: Co-Investigator (PI: Duncan); NICHD, R01

Cost: Subcontract $318,018.00; Dates: Under review

Summary: Ascertaining the impact of poverty on brain development and determining neurodevelopmental change with increased income. Project uses a longitudinal random assignment design providing families with either a small ($250.00/year) increase in income or a relatively large ($4000.00/year) increase in income.

Title: Neurodevelopmental risk markers of psychopathology in young children

Role: Co-Investigator (PI: Hipwell); Source: NIH, R01

Cost: Subcontract $94,610.00; Dates: Under review

Summary: Using ERPs to predict internalizing and externalizing behavior problems using longitudinal data

Title: Neuroendocrine and physiological correlates of P50 suppression in socially anxious adults

Role: Co-Investigator (PI: Beaton); Source: NIH, RO3

Cost: $137,029.00; Dates: not funded

Summary: Using ERPs and neuroendocrine approaches to examine the neural correlates underlying social anxiety in adults

Title: Neural correlates of typical and atypical self-regulation

Role: Principle Investigator; Source: Victoria S. Levin Grant for Early Career Success in Early Childhood Mental Health

Cost: $25,000.00; Dates: not funded

Summary: Funds were requested for teaching buy out and summer funding to facilitate grant writing

Title: Neural correlates underlying attentional control

Role: Principle Investigator; College of Sciences Faculty Research Grant

Cost: $7,499.80; Dates: not funded

Summary: Funds were requested for summer funding to facilitate grant writing

**Awards:**

2011 Interdisciplinary Behavioral Science Center Conference NIMH funded scholarship, University of Colorado, Boulder, Colorado

2010 FNS-fMRI course NIH funded scholarship, University of Michigan, Ann Arbor, Michigan

2010 ISDP Travel Grant, $300 (declined)

2006-2007 University of Toronto, Academic Excellence Award, $2,000

2006-2007 Ontario Graduate Scholarship, $15,000

2002 Dalhousie Poster Prize, $100

2002 Canadian Academy of Child Psychiatry Trainee Poster Prize, $50

**Journals Reviewed:**

Social Neuroscience

Biological Psychology

Developmental Neuropsychology

Human Brain Mapping

Psychological Science

Brain and Cognition

Developmental Cognitive Neuroscience

Cognitive, Affective, & Behavioral Neuroscience

Infant and Child Development

**Memberships:**

Society for Research in Child Development

Society for Psychophysiological Research

Association for Psychological Science

American Academy for Child and Adolescent Psychiatry