**BIOGRAPHICAL**

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**EDUCATION AND TRAINING**

**UNDERGRADUATE:**

1988-1992 University of Ottawa B.A., 1992 Psychology

Ottawa, Ontario, Canada

**GRADUATE:**

* 1. University of Quebec in Montreal, Ph.D., 1999 Psychology

Montreal, Québec Advisor: Luc Reid, Ph.D.

1. Department of Psychology and Pre-doctoral

Child Psychiatry, Ste-Justine Hospital Clinical Internship

Montreal, Québec

1996-1997 Division of Child Psychiatry Pre-doctoral

 Douglas Hospital, Verdun, Québec Clinical Internship

**POSTGRADUATE:**

2001-2004 University of Pittsburgh, Pittsburgh, PA

 Developmental Affective Neuroscience

 Mentors: Ronald E. Dahl, M.D., Cameron S. Carter, M.D.

**APPOINTMENTS AND POSITIONS**

**ACADEMIC:**

3/2005-11/2005 Visiting Assistant Professor of Psychiatry, University of Pittsburgh, Pittsburgh, PA

12/2005-06/2015 Assistant Professor of Psychiatry (primary), University of Pittsburgh, Pittsburgh, PA

07/2010-Present Assistant Professor of Psychology (secondary), University of Pittsburgh, Pittsburgh, PA (secondary)

2014-Present Director, Cognitive-Affective Neuroscience & Development (CAN-D) Laboratory

04/2015-Present Faculty, University of Pittsburgh and Carnegie Mellon University Center for Neural Basis of Cognition (CNBC), Pittsburgh, PA

06/2015-Present Associate Professor of Psychiatry (primary) and Psychology (secondary), University of Pittsburgh, Pittsburgh, PA

**CERTIFICATION AND LICENSURE**

2004 - The State Board of Psychology, Commonwealth of Pennsylvania (license # PS015192)

**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

2002- American Psychological Society

2005- Society for Research in Child Development

2009- Biological Psychiatry

2013- Flux Society

2016- Social and Affective Neuroscience Society

2016- Society for Research in Psychopathology

**HONORS**

1988 University of Ottawa - Scholarship of Excellence in Social Sciences

1990-1991 Natural Sciences and Engineering Research Council (NSERC) – Research Scholarship

1992-1994 UQAM Graduate Studies – Research Scholarship

1994-1997 Social Sciences and Humanities Research Council of Canada (SSHRC) – Doctoral

 Scholarship

2000-2002 Fondation de Recherche en Santé du Québec (FRSQ) - Post Doctoral Scholarship

2002-2004 Canadian Institutes for Health Research (CIHR) – Post Doctoral Fellowship

2002 American Psychological Association – Advanced Training Institute Fellowship

2002 Health Emotions Research Institute, University of Wisconsin – Travel Award

2004 New York Academy of Sciences Travel Award

2008-2013 NIH Mentored Research Scientist Development Award (K01)

2006-2008 NARSAD Young Investigator Award

2008-2010NARSAD Young Investigator Award

2008 NARSAD Blowitz-Ridgeway Foundation Investigator

**PUBLICATIONS**

**Refereed articles**

1. Steiger H, Léonard S, Ying Kin NMK., **Ladouceur C,** Ramdoyal D, Young S. Childhood abuse and platelet titrated-paroxetine binding in bulimia nervosa: Implications of borderline personality disorder. Journal of Clinical Psychiatry 2000 61:428-435. PMID: 10901341.
2. Bastien CH, **Ladouceur C**, Campbell K. EEG characteristics prior to and following the evoked K-Complex. Canadian Journal of Experimental Psychology 2000 54(4):255-265. PMID: 11195716
3. **Ladouceur C**, Reid L, Jacques A. Construction et validation du questionnaire des réactions parentales aux émotions positives exprimées par l'enfant (QRPEPE) [Construction and validation of the Parents’ Reaction to Children’s Positive Emotions Scale (PRCPE)]. Canadian Journal of Behavioral Sciences. 2000 34(1) : 20-30.
4. **Ladouceur CD**, Dahl RE, Carter, CS. ERP correlates of action monitoring in adolescence. Annals of New York Academy of Sciences. 2004 1021:329-330. PMID: 15251905.
5. **Ladouceur CD**, Dahl RE, Birmaher B, Williamson DE, Ryan ND, Casey BJ. Altered emotional processing in pediatric anxiety, depression, and comorbid anxiety-depression. Journal of Child Abnormal Psychology. 2005 33(2):165-177. PMID: 15839495.
6. **Ladouceur CD**, Dahl RE, Williamson DE, Birmaher B, Ryan ND, Casey BJ. Processing emotional facial expressions influences performance on a Go/NoGo task in pediatric anxiety and depression. Journal of Child Psychology and Psychiatry and Allied Disciplines. 2006 47(11):1107-1115. PMID: 17076749.
7. **Ladouceur CD**, Dahl RE, Birmaher B, Axelson DA, Ryan ND. Increased error-related negativity (ERN) in childhood anxiety disorders: ERP and source localization. Journal of Child Psychology and Psychiatry and Allied Disciplines. 2006 47(10):1073-1082. PMID: 17073986.
8. Forbes EE, May JC, Siegle GJ, **Ladouceur CD**, Ryan ND, Carter CS, Dahl RE. Reward-related decision-making in pediatric anxiety and major depressive disorders: An fMRI study. Journal of Child Psychology and Psychiatry and Allied Disciplines. 2006 47 (10):1031-1040. PMCID: PMC2129133
9. **Ladouceur CD**, Dahl RE, Carter CS. Development of action monitoring through adolescence into adulthood: ERP and source localization. Developmental Science. 2007 10(6):874-891. PMID: 17973802.
10. **Ladouceur CD**, Almeida JRC, Birmaher B, Axelson DA, Nau S, Kalas C, Monk K, Kupfer DJ, Phillips ML. Subcortical gray matter volume abnormalities in healthy bipolar offspring: Potential neuroanatomical risk marker for bipolar disorder? Journal of the American Academy of Child and Adolescent Psychiatry. 2008 47(5):532-539. PMID: 18356765 PMCID: PMC2711512.
11. Yap BH, Allen NB, **Ladouceur CD**. Parental socialization of positive affect and early adolescents’ depressive symptomatology: Adolescent emotion regulation as a mediator. Child Development. 2008 79(5):1415-1431. PMID: 18826533.
12. Phillips ML, **Ladouceur CD**, Drevets WC. A neural model of voluntary and automatic emotion regulation: Implications for understanding the pathophysiology and neurodevelopment of bipolar disorder. Molecular Psychiatry. 2008 13(9):833-857. PMID: 18574483 PMCID: PMC2745893
13. Hassel S, Almeida JRC, Kerr N, Nau SA, **Ladouceur CD**, Fissell K, Kupfer DJ, Phillips ML. Elevated striatal but not amygdala activity to positive emotional stimuli in bipolar disorder: comorbid anxiety, illness duration and medication effects. Bipolar Disorders. 2008 10(8):916-927. PMID: 19594507 PMCID: PMC2711546.
14. Silk JS, Siegle GJ, Whalen DJ, Ostapenko L, **Ladouceur CD**, Dahl RE. Pubertal changes in emotional information processing: pupillary, behavioral, and subjective evidence during emotional word identification. Development and Psychopathology. 2009 21(1):7-26. PMID: 19144220 PMCID: PMC2629078.
15. **Ladouceur CD**, Silk JS, Dahl RE, Kronhaus D, Ostapenko L, Phillips ML. Fearful faces influence attentional control processes in anxious youth and adults. Emotion. 2009 9(6):855-864. PMID: 20001128.
16. Versace A, **Ladouceur CD\***, Romero S, Birmaher B, Axelson, DA, Phillips ML. Altered development of white matter in youth at high familial risk for bipolar disorder: A diffusion tensor imaging study. Journal of the American Academy of Child and Adolescent Psychiatry. 2010 49(12):1249-1259 **\* co-first author and corresponding author.** PMID: 21093774PMCID: PMC2996850.
17. Schlund MW, Siegle GJ, **Ladouceur CD**, Silk JS, Cataldo MF, Dahl RE, Ryan ND. Nothing to fear? Neural systems supporting avoidance behavior in healthy youths. NeuroImage. 2010 52(2):710-719. PMID: 20430103 PMCID: PMC3113722.
18. **Ladouceur CD**, Conway A, Dahl RE. Attentional control moderates relations between negative affect and neural correlates of action monitoring in adolescence. Developmental Neuropsychology. 2010 35(2):194-211. PMID: 20390602.
19. Schlund MW, Cataldo MF, Siegle GJ, **Ladouceur CD**, Silk JS, Forbes EE, Dahl RE, Ryan ND. Pediatric functional magnetic resonance neuroimaging: a conceptual framework and tactics for encouraging compliance. Behavioral and Brain Functions. 2011 7:10. PMID: PMC3113722 PMCID: PMC3113722.
20. **Ladouceur CD**, Farchione T, Diwadkar V, Pruitt P, Radwan J, Axelson DA, Birmaher B, Phillips ML. Differential patterns of abnormal activity and functional connectivity in amygdala-prefrontal circuitry in bipolar and bipolar-NOS youth. Journal of the American Academy of Child and Adolescent Psychiatry. 2011 50(12):1275-1289.e2. PMID: 22115148 PMCID: PMC3268077.
21. Bertocci MA, Bebko GM, Mullin BC, Langenecker S, **Ladouceur CD**, Almeida JRC, Phillips ML. Abnormal anterior cingulate cortical activity during emotional n-back performance distinguishes bipolar from unipolar depressed females. Psychological Medicine. 2012 42(7):1417-1428. PMID: 22099606 PMCID: PMC3601380.
22. Kerestes R, **Ladouceur CD**, Meda S, Nathan P, Blumberg HP, Maloney K, Ruf B, Saricicek A, Pearlson G, Bhagwagar Z, Phillips ML. Abnormal prefrontal activity subserving attentional control of emotion in remitted depressed patients during a working memory task with emotional distracters. Psychological Medicine. 2012 42(1):29-40. PMID: 21733287
23. Tan PZ, Forbes EE, Dahl RE, Ryan ND, Siegle GJ, **Ladouceur CD**, Silk JS. Emotional reactivity and regulation in anxious and non-anxious youth: A cell-phone ecological momentary assessment study. Journal of Child Psychology and Psychiatry and Allied Disciplines. 2012 53(2):197-206. PMID: 22176136 PMCID: PMC3258378.
24. Mullin BC, Perlman SB, Versace A, Almeida JRC, Klein C, LaBarbara EJ, **LadouceurCD**, Phillips ML. An fMRI study of attentional control in the context of emotional distracters in euthymic adults with bipolar disorder. Psychiatry Research: Neuroimaging. 2012 201(3):196-205. PMID: 22510433 PMCID: PMC3361638.
25. **Ladouceur CD**, Slifka J, Dahl RE, Birmaher B, Axelson DA, Ryan ND. Altered error-related brain activity in youth with major depression. Developmental Cognitive Neuroscience. 2012, 2(3):351-62. PMID: 22669036 PMCID: PMC3369189.
26. Kerestes R, Bhagwagar Z, Nathan PJ, Meda SA, **Ladouceur CD**, Maloney K, Matuskey D, Ruf B, Aybala S, Wang F, Pearlson GD, Phillips ML, Blumberg HP. Prefrontal cortical response to emotional faces in individuals with major depressive disorder in remission. Psychiatry Research: Neuroimaging. 2012 202 (1):30-37. PMID: 22595508 PMCID: PMC3995357.
27. Mourão-Miranda J, Oliveira L, **Ladouceur CD**, Marquand A, Brammer M, Birmaher, B, Axelson DA, Phillips ML. Pattern recognition and functional neuroimaging help to discriminate healthy adolescents at risk for mood disorders from low risk adolescents. PLoS ONE. 2012, 7(2): e29482., doi:10.1371/journal.pone.002948. PMID: 22355302 PMCID: PMC3280237.
28. **Ladouceur CD**,Peper JS, Crone EA, Dahl RE. White matter development in adolescence: The influence of puberty and implications for affective disorders. Developmental Cognitive Neuroscience. 2012 2(1):36-54. PMID: 22247751 PMCID: PMC3256931.
29. Price RB, Siegle GJ, Silk JS, **Ladouceur CD**, McFarland, A, Dahl RE, Ryan ND. Sustained neural alterations in anxious youth performing an attentional bias task: A pupilometry study. Depression and Anxiety. 2013 30(1):22-30. PMID: 22700457 PMCID: PMC3480547.
30. **Ladouceur CD**. Neural systems supporting cognitive affective interactions in adolescence: the role of puberty and implications for affective disorders. Frontiers of Integrative Neuroscience. 2012 6(65):1-11. doi:10.3389/fnint.2012.00065. PMID: 22969712 PMCID: PMC3431538.
31. Conner, OL, Siegle GJ, Mcfarland AM, Silk JS, **Ladouceur CD**, Dahl RE, Coan JA, Ryan ND. Mom – it helps when you’re right here! Attenuation of neural stress markers in anxious youths whose caregivers are present during fMRI. PLoS ONE. 2013 7(12):e50680. doi: 10.1371. PMID: 23236383 PMCID: PMC3517514.
32. Belleau EL, Phillips ML, Birmaher B, Axelson DA, **Ladouceur CD.** Aberrant Executive Attention in Unaffected Youth at Familial Risk for Mood Disorders. Journal of Affective Disorders. 2013 147(1):397–400. PMID: 22980403 PMCID: PMC3526671.
33. **Ladouceur CD**, Diwadkar, V, White, R., Bass, J., Birmaher, B, Axelson, DA, Phillips ML. Fronto-limbic function in unaffected offspring at familial risk for bipolar disorder during an emotional working memory paradigm. Developmental Cognitive Neuroscience. 2013 5:185-196. PMID: 23590840 PMCID: PMC3676715.
34. Diler RS, **Ladouceur CD**, Segreti AM, Almeida JRC, Birmaher B, Axelson DA, Phillips ML, Pan L. Neural correlates of treatment response in depressed bipolar adolescents during emotion processing. Brain Imaging and Behaviors. 2013 7(2):227-235. PMID: 23355265.
35. Diler RS, Segreti AM, **Ladouceur CD**, Almeida JRC, Birmaher B, Axelson DA, Phillips ML, Pan L. Neural correlates of treatment in adolescents with bipolar depression during response inhibition. Journal of Child and Adolescent Psychopharmacology. 2013, 23(3):214-21. PMID: 23607410 PMCID: PMC3678567.
36. Oliveira L, **Ladouceur CD**, Phillips ML, Brammer M, Mourão-Miranda J. What does brain response to neutral faces tell us about major depression? Evidence from machine learning and fMRI. PLoS ONE. 2013 8(4):e60121. doi: 10.1371/journal.pone.0060121. PMID: 23560073 PMCID: PMC3613341.
37. Birmaher B., Goldstein B., Axelson DA, Monk K, Hickey MB, Fan J, Iyengar S, Ha W, Brent D, **Ladouceur CD**, Sakolsky D, Kupfer D. Mood lability symptomatology among offspring of parents with bipolar disorder and community controls. Bipolar Disorders. 2013 15(3):253-63. PMID: 23551755. PMCID: PMC3644367.
38. Silk JS, Sheeber L, Tan PZ, **Ladouceur CD**, Forbes EE, McMakin DL, Dahl RE, Siegle GJ, Kendall PC, Mannarino A, Ryan ND. "You can do it!": The role of parental encouragement of bravery in child anxiety treatment. Journal of Anxiety Disorders. 2013 27(5):439-446. PMID: 23851000 PMCID: PMC3766422.
39. Diler RS, Almeida JR, **Ladouceur CD**, Birmaher B, Axelson A, Phillips ML. Neural activity to intense positive versus negative stimuli can help differentiate bipolar disorder from unipolar major depressive disorder in depressed adolescents: A pilot fMRI study. Psychiatry Research. 2013 214(3):277-284. PMID: 24080517 PMCID: PMC3856642.
40. Tavitian LR, **Ladouceur CD**, Nahas Z, Khater B, Brent D, Maalouf F. Neutral face distracters differentiates performance between depressed and healthy adolescents during an emotional working memory task. European Child & Adolescent Psychiatry. 2014 23(8):659-667. PMID: 24248754.
41. Diler RS, Pan LA, Segreti AM, **Ladouceur CD**, Forbes EE, Romero-Cela S, Almeida JRC, Birmaher B, Axelson DA, Phillips ML. Differential anterior cingulate activity during response inhibition in depressed adolescents with bipolar and unipolar major depressive disorder. Journal of the Canadian Academy of Child and Adolescent Psychiatry. 2014 23(1):10-19. PMID: 24516473 PMCID: PMC3917665.
42. Price RB, Siegle GJ, Silk JS, **Ladouceur CD**, McFarland A, Dahl RE, Ryan ND. Looking under the hood of the dot-probe task: An fMRI study in anxious youth. Depression and Anxiety. 2014 31(3):178-187. PMID: 24578016 PMCID: PMC3992818.
43. Spielberg JM, Forbes EE, **Ladouceur CD**, Worthman CM, Olino TM, Ryan ND, Dahl RE. Pubertal testosterone influences threat-related amygdala-orbitofrontal coupling. Social Cognitive and Affective. Neuroscience Journal. 2015 10(3):408-415. PMID: 24795438.
44. Price RB, Kuckertz JM, Siegle GJ, **Ladouceur CD**, Silk JS, Ryan ND, Dahl RE, Amir N. Empirical recommendations for improving the stability of the Dot-Probe task in clinical research. Psychological Assessment. 27(2):365-376. Erratum in: Psychol Assess. 2015 Jun; 27(2):376. PMID: 25419646.
45. Sparks, GM, Axelson, DA, Yu, H, Ha, W, Ballester, J, Diler, RS, Goldstein, B, Goldstein, T, Hickey, MB, **Ladouceur, CD**, Monk, K, Sakolsky, D, Birmaher, B. Disruptive mood dysregulation disorder and chronic irritability in youth at familial risk for bipolar disorder. Journal of the American Academy of Child and Adolescent Psychiatry. 2014 53(4):408-416 PMID: 24655650.
46. Manelis A, **Ladouceur CD**, Graur S, Monk K, Bonar LK., Hickey MB, Dwojak AC, Axelson D, Goldstein BI, Goldstein TR, Bebko G, Bertocci MA, Hafeman DM, Gill MK, Birmaher B, Phillips ML. Altered amygdala-prefrontal response to facial emotion in offspring of parents with bipolar disorder. Brain. 2015 138(9):2777-2790. PMID: 26112339.
47. Spielberg, JM, Galarce, EM, **Ladouceur, CD**, McMakin, DL, Olino, TM, Forbes, EE, Silk, JS, Ryan, ND, Dahl, RE. Adolescent development of inhibition as a function of SES and gender: Converging evidence from behavior and fMRI. Human Brain Mapping. 2015 36(8):3194-3203, doi:10.1002/hbm.22838. PMID: 24795438.
48. Manelis A, **Ladouceur CD**, Graur, S, Mond, K, Bonar, L, Hickey MB, Dwojak AC, Axelson D, Goldstein BI, Goldstein TR, Bebko G, Bertocci MA, Gill MK, Birmaher B, Phillips ML. Altered functioning of reward circuitry in youth offspring of parents with bipolar disorder. Psychological Medicine. 2016 46(1):197-208. PMID: 26112339.
49. Allen, KB, Silk, JS, Meller, S, Tan, PZ, **Ladouceur, CD**, Sheeber, LB, Forbes, EE, Dahl, RE, Siegle, GJ, McMakin, DL, & Ryan, ND. Parental autonomy granting and child perceived control: Effects on the everyday emotional experience of anxious youth. Journal of Child Psychology and Psychiatry. 2016 57(7):835-842. PMID: 26549516.
50. Price RB, Rosen D, Siegle GJ, **Ladouceur CD**, Tang K, Benoit Allen K, Ryan ND, Dahl RE, Forbes EE, Silk JS. From anxious youth to depressed adolescents: Prospective prediction of 2-year depression symptoms via attentional bias measures. Journal of Abnormal Psychology. 2016 125(2):267-278. PMID: 26595463.
51. Silk JS, Tan PZ, **Ladouceur CD**, Meller SM, Siegle GJ, McMakin DL, Forbes EE, Dahl EE, Kendall PC, Mannarino A, & Ryan ND. A Randomized clinical trial comparing individual cognitive behavioral therapy and child-centered therapy for child anxiety disorders. Journal of Clinical Child and Adolescent Psychology. 2016 16:1-13. PMID: 26983904.
52. Oppenheimer CW, **Ladouceur, CD**, Waller, JM, Ryan, ND, Benoit Allen, K, Sheeber, L, Forbes, EE, Dahl, RE, & Silk, J. Emotion socialization in anxious youth: Parenting buffers emotional reactivity to peer negative events. Journal of Abnormal Child Psychology. In press. Doi 10.1007/s10802-015-0125-5 PMID: 26783026.
53. Kerestes, R, Segreti, AM, Pan, LA, Phillips, ML, Birmaher, B, Brent, DA, **Ladouceur, CD**. Altered neural function to happy faces in adolescents with and at risk for depression. Journal of Affective Disorders. 2016 1(192):143-152. PMID: 26724693.
54. Price RB\*, Allen KB\*, Silk JS, **Ladouceur CD**, Ryan ND, Dahl RE, Forbes EE & Siegle GJ. Vigilance in the laboratory predicts avoidance in the real world: A dimensional analysis of neural, behavioral, and ecological momentary data in anxious youth. Developmental Cognitive Neuroscience. 2016 3(19):128-136. PMID 27010577. \*co-first author
55. Soehner AM, Bertocci MA, Manelis A, Bebko G, **Ladouceur CD**, Graur S, Monk K, Bonar LK, Hickey MB, Axelson D, Goldstein BI, Goldstein TR, Birmaher B, Phillips ML. Preliminary investigation of the relationships between sleep duration, reward circuitry function, and mood dysregulation in youth offspring of parents with bipolar disorder. Journal of Affective Disorders. 2016 205:144-153. PMID: 27442458.
56. Bertocci MA, Bebko G, Dwojak A, Iyengar S, **Ladouceur CD**, Fournier J, Versace A, Perlman SB, Almeida JR, Travis M, Gill MK, Bonar L, Schirda C, Diwadkar VA, Sunshine JL, Holland SK, Kowatch RA, Birmaher B, Axelson D, Horwitz SM, Frazier TW, Arnold LE, Fristad MA, Youngstrom EA, Findling RL, Phillips ML. Longitudinal relationships among activity in Longitudinal relationships among activity in attention redirection neural circuitry and symptom severity in youth. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging. In press.
57. Wallace ML, Silk JS, Rosen D, Forbes EE, **Ladouceur CD**, Ryan ND, Siegle GJ, Dahl RE, Kendall PC, Mannarino A, McMakin DL. The role of day-to-day emotions, sleep, and social interactions in pediatric anxiety treatment. Behaviour Research and Therapy. In press.
58. Morgan JK, Lee GE, Wright AGC, Gilchrist DE, Forbes EE, McMakin DL, Dahl RE, **Ladouceur CD**, Siegle GJ, Ryan ND, Silk JS. Altered positive affect in clinically anxious youth: The role of social context and anxiety subtype. Journal of Abnormal Psychology. In press.
59. Kerestes R, Chase HW, Phillips ML, **Ladouceur CD**, Eickhoff SB. Multimodal evaluation of the amygdala's functional connectivity. Neuroimage. 2017. 148:219-229.

**Reviews, Invited Published Papers, Monographs, Books and Book Chapters, and Editorials**

1. **Ladouceur CD** (2009). Brain function in depressed children and adolescents. In R Ingram (Ed.). International Encyclopedia of Depression. New York: Springer.
2. **Ladouceur CD,** Amygdala response to Emotional Faces: A Neural Marker of Risk for Bipolar Disorder? Journal of the American Academy of Child and Adolescent Psychiatry. 2012 51(3):235-237. PMID:22365459. Invited Editorial.
3. **Ladouceur CD**, Versace A., Phillips ML. (2015). Understanding the Neural Circuitry of Emotion Regulation: White Matter Tract Abnormalities and Psychiatric Disorder. In LJ Kirmayer, R Lemelson, & CA Cummings (Eds). Re-visioning Psychiatry: Cultural Phenomenology, Critical Neuroscience, and Global Mental. New York, NY: Cambridge University Press. p. 236-272.
4. **Ladouceur, CD**. The error-related negativity: A transdiagnostic marker of sustained threat? Invited Commentary. Psychophysiology. 2016 53(3):389-392. PMID: 26877131.
5. **Ladouceur, CD.** The influence of puberty on neural systems subserving emotion regulation: Implications for understanding risk for affective disorders. Santé Mentale au Québec. 2016 41(1): 35-64.

**Peer-Reviewed Presentations and Published Abstracts**

1. Ladouceur, C, Bastien, C & Campbell, K (June, 1992). Analysis of the EEG prior to and following the evoked K-Complex. Annual Brain and Behavior Conference, Québec, Canada.
2. Bastien, C, Campbell, K, & **Ladouceur, C** (June 1993). Analysis of the EEG prior to and following stimulus onset: Functional role of the evoked K-Complex. Associated Professional Sleep Society, Los Angeles, (Abstract #65, p.40).
3. **Ladouceur, C**, Pagé, P, & Gravel, F (July, 1994). Component analysis of preschool children's social thinking: An empirical study. 13th Biennial International Society for the Study of Behavioural Development (ISSBD), Amsterdam, The Netherlands, (Abstract p. 342).
4. Pagé, P & **Ladouceur, C** (April, 1995). Childrearing effects on preschoolers modes of social representation. Society of Research in Child Development (SRCD) Conference, Indianapolis, Indiana, (Abstract p. 611).
5. **Ladouceur, C** & Reid, L (August, 1996). Reliability and construct validity of the Parents' Reaction to Children's Positive Emotions Scale (PRCPS). 14th Biennial International Society for the Study of Behavioural Develop 2016 41(1) ment (ISSBD) Conference, Québec, Canada (Abstract p. 1323).
6. **Ladouceur, C**, Reid, L, & Bédard, N (July, 1998). Individual variation in appearance-reality distinction in the affective domain. 15th Biennial International Society for the Study of Behavioural Development (ISSBD) Conference, Berne, Switzerland.
7. **Ladouceur, C** & Reid, L (June, 2000). Social interaction and children’s representational understanding of emotions. 13th Annual Meeting of the Jean Piaget Society, Montreal, Quebec.
8. **Ladouceur, CD**, Dahl, RE, Casey, B.J., Birmaher, B, Williamson, DE, Ryan, ND (May, 2002). Altered emotion-related information processing in pediatric anxiety and depression. 57th Annual Convention of the Society of Biological Psychiatry, Philadelphia, PA, 51(8), 38S.
9. **Ladouceur, CD**, Dahl, RE, Casey, BJ, Birmaher, B, Williamson, DE, Ryan, ND. (October, 2002). Processing of facial expressions in childhood anxiety and depression. 49th Annual Meeting of the American Academy of Child & Adolescent Psychiatry, San Francisco, CA.
10. **Ladouceur, CD**, Dahl, RE, Birmaher, B, Williamson, DE, Ryan, ND & Casey, BJ. (May, 2003). Response inhibition in childhood anxiety and depression. 58th Annual Convention of the Society of Biological Psychiatry, San Francisco, CA, 53 (8), 218S.
11. [Dahl, RE](http://wos.isiknowledge.com/CIW.cgi?SID=D2EB8KMH8p8FM8mInAM&Func=OneClickSearch&field=AU&val=Dahl+RE&curr_doc=3/1&Form=FullRecordPage&doc=3/1), [Lerner J](http://wos.isiknowledge.com/CIW.cgi?SID=D2EB8KMH8p8FM8mInAM&Func=OneClickSearch&field=AU&val=Lerner+J&curr_doc=3/1&Form=FullRecordPage&doc=3/1), [Hariri AR](http://wos.isiknowledge.com/CIW.cgi?SID=D2EB8KMH8p8FM8mInAM&Func=OneClickSearch&field=AU&val=Hariri+AR&curr_doc=3/1&Form=FullRecordPage&doc=3/1), [**Ladouceur C**](http://wos.isiknowledge.com/CIW.cgi?SID=D2EB8KMH8p8FM8mInAM&Func=OneClickSearch&field=AU&val=Ladouceur+C&curr_doc=3/1&Form=FullRecordPage&doc=3/1)**D**, [Carter C](http://wos.isiknowledge.com/CIW.cgi?SID=D2EB8KMH8p8FM8mInAM&Func=OneClickSearch&field=AU&val=Carter+C&curr_doc=3/1&Form=FullRecordPage&doc=3/1), [Ryan ND](http://wos.isiknowledge.com/CIW.cgi?SID=D2EB8KMH8p8FM8mInAM&Func=OneClickSearch&field=AU&val=Ryan+ND&curr_doc=3/1&Form=FullRecordPage&doc=3/1) (December, 2005). Affective influences on decision making in adolescents Meeting of The American College of Neuropsychopharmacology (ACNP), St Juan, Puerto Rico, 29, p. S4-S5.
12. **Ladouceur, CD**, Dahl, RE, Carter, CS (May, 2004). Enhanced error-related negativity (ERN) in children diagnosed with an anxiety disorder: Preliminary results. 59th Annual Convention of the Society of Biological Psychiatry, New York, NY. Biological Psychiatry 55, 152S.
13. **Ladouceur, CD**, Dahl, RE, Carter, CS, Birmaher, B, & Ryan, ND (May, 2005). The development of action monitoring through adolescence into adulthood: An ERP study. Society for Research in Child Development, Atlanta, GA.
14. Phillips, ML, **Ladouceur, CD**, Hassel, S, Kerr, N, Siegle, G, Fissel, K, Surguladze, S, Thase, ME, & Kupfer, DJ. (December, 2005). Toward the identification of biological markers of bipolar disorder: a first stage neuroimaging study. Meeting of The American College of Neuropsychopharmacology (ACNP), Hawaii, 30, S232.
15. Hassel, S, **Ladouceur, CD,** Kerr, N, Siegle, G, Fissell, Phillips, ML (May 2006). Processing facial affect in bipolar disorder. An functional neuroimaging study. 61st Annual Convention of the Society of Biological Psychiatry, Toronto, Ontario, 59(8), 254S.
16. Phillips, ML, Hassel, S, Walsh, N, Kerr, N, **Ladouceur, CD**, Almeida, J, Fissell, K, Kupfer, DJ. (December, 2006). Increased amygdala activity toward positive but not negative emotional stimuli: a potential biomarker of bipolar disorder. Meeting of The American College of Neuropsychopharmacology (ACNP).
17. **Ladouceur, CD**, Almeida, JRC, Birmaher, B, Axelson, DA, Kupfer, DJ, & Phillips, ML. (December, 2006) Cortical and subcortical gray matter volume differences in healthy bipolar offspring: Potential neuroanatomical risk or protective markers in bipolar disorder. Meeting of the American College of Neuropsychopharmacology (ACNP).
18. Semel, ME, Ainsman, MB, Silk, JS, **Ladouceur, CD**, & Kirk, A. (March, 2007). Parental Socialization of Emotion and Relations to Emotional Processing Biases in Children. Society for Research in Child Development, Boston, Massachusetts.
19. Conway, AM, **Ladouceur, CD**, Dahl, RE, Birmaher, B, Axelson, DA, & Ryan, ND. (May, 2007) Increased Error-Related Negativity (ERN) in Children Diagnosed with Anxiety but not Depression. 62nd Annual Convention of the Society of Biological Psychiatry, San Diego, CA, 61(8), 61S.
20. **Ladouceur, CD**, Axelson, DA, Conway, AM, Birmaher, B, Goldstein, TR, Dahl, RE, & Ryan, ND (May, 2007) Decreased Error-related Positivity (Pe) in Pediatric Bipolar Disorder. 62nd Annual Convention of the Society of Biological Psychiatry, San Diego, CA, 61(8), 222S.
21. **Ladouceur, CD**, Almeida, JRC, Birmaher, B, Axelson, DA, Nau, S, Kupfer, DJ, & Phillips, ML (May, 2007). Differences in Cortical and Subcortical Activity to Emotional Stimuli in Healthy Offspring at Risk for Bipolar Disorder: Neural Risk or Protective Markers? In ML Phillips (Chair). Altered Processing of Emotional Stimuli: Endophenotype for Bipolar Disorder?, 62nd Annual Convention of the Society of Biological Psychiatry, San Diego, CA, 61(8), 181S.
22. **Ladouceur, CD**, Almeida, JRC, Birmaher, B, Axelson, DA, Nau, S, Kupfer, DJ, & Phillips, ML. (June, 2007). Increased Subcortical and Decreased Cortical Neural Responses to Fearful Faces in Healthy Bipolar Offspring Compared to Age-Matched Controls: Preliminary Results. 7th International Conference on Bipolar Disorder, Pittsburgh, PA, Bipolar Disorders, 9(1), p. 62.
23. **Ladouceur, CD**, Dahl, RE, Birmaher, B, Axelson, DA, Ryan, ND. (October, 2007). Decreased Pe, but not ERN, amplitude in children diagnosed with an anxiety disorder: Preliminary results. 47th Annual Meeting of the Society for Psychophysiological Research, Savannah, Georgia.
24. **Ladouceur, CD**, Almeida, JRC, Birmaher, B, Axelson, DA, Kupfer, DJ, & Phillips, ML. (December, 2007). Subcortical Neural Responses to Emotional Faces Distinguish Offspring at Risk for Bipolar Disorder and Unipolar Depression. Meeting of The American College of Neuropsychopharmacology (ACNP), Boca Raton, Florida.
25. **Ladouceur, CD**, Silk, JS, Ostapenko, L, Dahl, RE, Kronhaus, D, Phillips, ML (March, 2008). Emotional Facial Expressions Influence Performance on a Working Memory Task: A Developmental Study. In JS Silk (Chair), Advances in Measuring Emotion Regulation in Adolescence: Bridging Between the Neuroscience Lab and Adolescents' Real Worlds, 12th Biennial meeting of the Society for Research on Adolescence, Chicago, IL.
26. Farchione, TR, **Ladouceur, CD**, Hassel, S, Gill, MK, Axelson, DA, Birmaher, B, Phillips, ML. (October, 2008). Response to Presentation of Emotional Faces Differentiates Children with Bipolar Disorder from Healthy Controls. 55th Annual Meeting of the American Academy of Child & Adolescent Psychiatry, Chicago, IL.
27. **Ladouceur, CD,** Almeida, JRC, Birmaher, B, Axelson, DA, Kupfer, DJ, & Phillips, ML. (May, 2008). Neural Systems Underlying Implicit Emotional Information Processing in Healthy Offspring at Risk of Depression and Bipolar Disorder. In ML Phillips (Chair), Distinguishing Bipolar and Unipolar Depression: A Lifespan Perspective”, 63rd Annual Convention of the Society of Biological Psychiatry, Washington, DC, (Abstract #165).
28. **Ladouceur, CD,** Diwadkar, V, Gordia, D, Birmaher, B, Axelson, DA, Kupfer, DJ, Phillips, ML. (December, 2008). Altered Prefrontal Activation during an Emotional N-back task in healthy offspring at risk for bipolar disorder versus healthy controls. Meeting of the American College of Neuropsychopharmacology (ACNP), Scottsdale, Arizona.
29. Belleau, E, **Ladouceur, CD**, Birmaher, B, Axelson, DA, Phillips, ML. (May, 2009). Deficits in executive attention in offspring at high familial risk for mood disorders. 64th Annual Convention of the Society of Biological Psychiatry, Vancouver, BC, 65(8), 52S.
30. Farchione, TR, Diwadkar, V, **Ladouceur, CD**, Hassel, S, Axelson, DA, Birmaher, B, Phillips, ML. (May, 2009). Patterns of BOLD Response to Presentation of Emotional Faces in Children with Syndromal and Subthreshold Symptoms of Bipolar Disorder. 64th Annual Convention of the Society of Biological Psychiatry, Vancouver, BC, 65(8), 144S.
31. Romero, S, Versace, A, **Ladouceur, CD,** Birmaher, B, Axelson, D, Phillips, ML. (June, 2009) White matter abnormalities in healthy bipolar offspring: a diffusion tensor imaging study. 9th International Conference on Bipolar Disorders, Pittsburgh, PA. Bipolar Disorders, 11 (1), p.72.
32. Mullin, BC, Versace, A, **Ladouceur, CD**, Phillips, ML. (June, 2009). Reduced DLPFC Activation in Adults with Bipolar Disorder during an Emotional Working Memory Task . 9th International Conference on Bipolar Disorder, Pittsburgh, PA. Bipolar Disorders, 11 (1), p.63.
33. Farchione, TR, **Ladouceur, CD**, Diwardkar, V, Hassel, S, Axelson, DA, Birmaher, B, Phillips, ML. (June, 2009). Pattern of BOLD response to presentation of emotional faces in children with syndromal and subthreshold symptoms of bipolar disorder. 9th International Conference on Bipolar Disorder, Pittsburgh, PA, Bipolar Disorders, 11 (1), p.37.
34. **Ladouceur, CD,** Romero, S, Birmaher, B, Axelson, DA, Kupfer, DJ, Phillips, ML. (December, 2009). Differences in the Neural Circuitry Engaged During Response Inhibition in Healthy Offspring at Risk for Bipolar Disorder versus Healthy Controls. Meeting of the American College of Neuropsychopharmacology (ACNP), Hollywood, Florida (Abstract #156).
35. Kerestes, K, **Ladouceur, CD,** Meda, S, Blumberg, H, Nathan, P, Maloney, K, Rufl, B, Saricicek, A, Pearlson, G, Bhagwagar, Z, Phillips, ML. (June, 2009) A Novel Paradigm for Examining Interfering Effects of Emotional Distracters During a Working Memory Task. Human Brain Mapping, San Francisco, CA.
36. Kerestes, K, **Ladouceur, CD**, Meda, S, Blumberg, H, Nathan, P, Maloney, K, Ruf, B, Saricicek, A, Pearlson, G, Bhagwagar, Z. Phillips, ML. (May, 2010). Persisting abnormal lateral PFC activation in remitted depressed patients during the performance of an emotional working memory paradigm. Society for Biological Psychiatry Conference, New Orleans, Louisiana, 67(9), 141S.
37. **Ladouceur, CD,** Farchione, TR, Pruitt, P, Diwadkar, V, Axelson, DA, Birmaher, B, & Phillips, ML. (May, 2010). Reduced Lateral Prefrontal Cortex Activation During an Emotional Working Memory Task in Pediatric Bipolar Disorder**.** Society for Biological Psychiatry Conference, May 20-23, 2010, New Orleans, Louisiana, 67(9), 65S.
38. **Ladouceur, CD,** Farchione, TR, Birmaher, B, Axelson, DA, Kupfer, DJ, Phillips, ML. (October, 2010). Neural Systems Underlying Voluntary Attentional Control Processes in the Context of Emotion in Youth at Risk for and Diagnosed with Bipolar Disorder. In **CD Ladouceur** and M DelBello (Chairs), Neural Systems of Emotion Regulation and Early Intervention in Youth at Risk for Bipolar Disorder, American Academy of Child and Adolescent Psychiatry, New York, New York.
39. **Ladouceur, CD**, Farchione, TR, Diwadkar, V, Pruitt, P, Radwan, J, Axelson, DA, Birmaher, B, & Phillips, ML. (December, 2010). Differential Patterns of Abnormal Amygdala-Prefrontal Cortical Activity and Connectivity to Emotional Faces in Bipolar and Bipolar NOS Youth. Meeting of The American College of Neuropsychopharmacology (ACNP), Hollywood, Florida (Abstract #141).
40. **Ladouceur, CD**, Dahl, RE, Birmaher, B, Axelson, DA, Ryan, ND. (April, 2011). Response monitoring ERPs in Childhood Anxiety and Depression. In JC McPartland and MJ Crowley (Chairs), Child Psychopathology and Neural Probes of Core Processes, Society for Research in Child Development, Montreal, Canada.
41. Perlman, S, **Ladouceur, CD**, Farchione, TR, Romero, S, Birmaher, B, Axelson, DA, Phillips, ML. (April, 2011). Neural mechanisms for attentional control in adolescents at-risk for bipolar disorder. Society for Research in Child Development, Montreal, Canada.
42. Conner, OL, McFarland, A, Ichikawa, N, Silk, JS, **Ladouceur, CD**, Siegle, GJ. (March, 2011). Mom, it helps when you’re right here! Attenuation of neural stress markers in anxious adolescents whose mothers are present during fMRI. 31st Annual Conference of Anxiety Disorders Association of America. New Orleans, Louisiana. (Abstract #63).
43. Siegle, GJ, Ichikawa, NI, McFarland, A, **Ladouceur, CD**, Silk, JS, Dahl, RE, Ryan, ND. (March, 2011). Prediction of response to CBT for adolescent anxiety using fMRI. 31st Annual Conference of Anxiety Disorders Association of America. New Orleans, Louisiana. (Abstract #107).
44. Mandel, DL, Ichikawa, N, McFarland, A, Silk, JS, **Ladouceur, CD**, Ryan, ND, Siegle, GJ. (March, 2011). Neural correlates of somatic symptomatology in anxious youth. 31st Annual Conference of Anxiety Disorders Association of America. New Orleans, Louisiana. (Abstract #108).
45. **Ladouceur, CD**, Belleau, ES, Birmaher, B, Axelson, DA, Phillips, ML. (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 ML Phillips and H. Young (Chairs), Unipolar versus Bipolar Depression: Neurobiology Informing Diagnosis and Future Intervention, 66th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, 69(9), 100S.
46. **Ladouceur, CD**, Dahl, RE, Birmaher, B, Axelson, DA, Phillips, ML. (May, 2011). Influence of puberty on neural systems of emotion processing and regulation in healthy bipolar offspring: preliminary data. 66th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, 69(9), 159S.
47. **Ladouceur, CD**, Versace, A, Phillips, ML, Velanova, K, Luna, B, Pelham, WE, Wilson, T, Gnagy, E, Molina, B. (May, 2011). Altered prefrontal activation during an emotional working memory task in adults with childhood ADHD relative to healthy adults: preliminary findings. 66th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, 69(9), 46S
48. Versace, A, **Ladouceur, CD**, Phillips, ML, Velanova, K, Luna, B, Pelham, WE, Wilson, T, Gnagy, E, Molina, B. (May, 2011). White matter integrity in adults with childhood ADHD relative to healthy adults: preliminary findings. 66th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, 69(9), 159S.
49. Versace, A, **Ladouceur, C.**, Farchione, TR, Phillips, ML. (May, 2011). White matter integrity in bipolar youth relative to high and low risk healthy youth. 66th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, 69(9), 254S.
50. Kerestes, R, Bhagwagar, Z, Meda, S, **Ladouceur, CD**, Nathan, P, Maloney, K, Ruf, B, Saricicek, A, Wang, F, Pearlson, G, Phillips, ML, Blumberg, H. (May, 2011). Prefrontal dysfunction during implicit emotional face processing in remitted major depressive disorder. 66th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, 69(9), 167S.
51. Bertocci, MA, Bebko, GM, Mullin, BC, **Ladouceur, CD,** Almeida, JRC, Phillips, ML. (May, 2011). Differential patterns of abnormally elevated dorsal anterior mid cingulated cortical and putamen activity during emotion regulation in bipolar and recurrent unipolar depressed females. 66th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, 69(9), 47S.
52. Olino, TM. McMakin, DL, Ryan, ND, **Ladouceur, CD**, Forbes, EE, Siegle, GJ, Dahl, RE, Kendall, PC, & Silk, JS. (April, 2012). Therapeutic alliance differentially moderates treatment response across phases of CBT in anxious youth. 32nd Annual Meeting of the Anxiety Disorders Association of America, Arlington, VA.
53. **Ladouceur, CD,** Versace, A, Phillips, ML, Velanova, K, Pelham, WE, Wilson, T, Gnagy, E, Molina, BSG. (June, 2011). Prefrontal Activation Implicated in Attentional Control of Emotion in Adult ADHD. International Society for Research in Child and Adolescent Psychopathology Conference, Chicago, IL.
54. Versace, A, **Ladouceur, CD**, Phillips, ML, Velanova, K, Pelham, WE, Wilson, T, Gnagy, E, Molina, BSG. (June, 2011) White Matter Integrity in Adults with Childhood ADHD Relative to Healthy Adults: Preliminary Findings. International Society for Research in Child and Adolescent Psychopathology Conference, Chicago, IL.
55. **Ladouceur, CD**, Dahl, RE. (October, 2011). Developmental Neuroscience and Treatment Studies: Identifying Windows of New Opportunity. In CA Boyce and SD Lynne-Landsman (Chairs), Innovations for Integrating Translational Neuroscience and Adolescent Drug Abuse Treatment, American Academy of Child and Adolescent Psychiatry, Toronto, ON, Canada.
56. Siegle, GJ, Thompson, WS, Friedman, ES, Thase, ME, Collier, A, McFarland, A, **Ladouceur, CD**, Silk, JS, Dahl, RE, Ryan, ND. (May, 2011) Neural similarities between anxious youth and depressed adults. 67th Annual Convention of the Society for Biological Psychiatry Conference, San Francisco, CA.
57. Sparks GM, Axelson DA, Ha w, Ballester J, Diler RS, Goldstein B, Goldstein T, Hickey MB**, Ladouceur CD**, Monk K, Salolsky D, Birmaher B. (October, 2011). Disruptive Mood Dysregulation Disorder in Youth at Familial Risk for Bipolar Disorder. Poster, American Academy of Child and Adolescent Psychiatry Annual Meeting.
58. Diler RS, Phillips ML, Birmaher B, Almeida JR, **Ladouceur CD**, Axelson D. (October, 2011). Neural Activity to Positive Stimuli May Differentiate Bipolar Disorder From Major Depressive Disorder in Depressed Youth. Scientific Proceedings of the AACAP and CACAP Joint Annual Meeting, Toronto, Canada, pp. 335.
59. Diler RS, Phillips ML, Birmaher B, Almeida JR, **Ladouceur CD**, Axelson D. (March, 2012). Emotional Face Processing in Depressed Youth with Bipolar Disorder versus Major Depressive Disorder.5th Biennial Conference of the International Society of Bipolar Disorders, Istanbul, Turkey.
60. Velanova, K, Versace, A, **Ladouceur, CD**, Luna, B, Molina, B. (June, 2011). Functional-anatomic correlates of controlled processing in adult aDHD: Impairment and IQ. Poster presented at the Poster presented at the 17th annual meeting of the Human Brain Mapping. Quebec, QC, Canada.
61. Diler RS, Pan L, Tomlanovich AM Almeida JR, **Ladouceur CD**, Axelson D, Birmaher B, Phillips ML. (October, 2012). Increased Anterior Cingulate Activity in Depressed Adolescents During Response Inhibition Is Associated with Bipolar Disorder Not Unipolar Major Depressive Disorder. Scientific Proceedings of the 59th AACAP Annual Meeting, San Francisco, LA, pp. 228.
62. Phillips, ML, Chase, H, **Ladouceur, CD**. (May, 2013). Amygdala-Ventrolateral Prefrontal Cortical Functional Connectivity: Risk Biomarkers for Bioplar Disorder in Adults and Youth. 68th Annual Convention of the Society for Biological Psychiatry, San Francisco, CA.
63. **Ladouceur, CD**, Dahl, RE, Birmaher, B., Axelson, DA, Phillips, ML. (April, 2013). Influence of Puberty on Neural Systems Implicated in Emotion Regulation in Unaffected Bipolar Offspring. In **CD Ladouceur** (Chair), Endocrine Influences on Adolescent Brain Development: Implications for Psychopathology, Society for Research in Child Development, Seattle, WA.
64. Tan, P., **Ladouceur, CD**, Silk, JS. (April, 2013). Developmental Differences in the Processing of Dynamic Facial Expressions. Society for Research in Child Development, Seattle, WA.
65. Lee, K. H., Siegle, G. J., Lee, G. E., **Ladouceur, C. D.**, Dahl, R. E., & Silk, J. S.. (June, 2013). Neural response to negative socioemotional information in adolescents with major depressive disorder. 19th annual meeting of the Human Brain Mapping. Seattle, WA.
66. **Ladouceur, CD**, Schlund, M, Anticevic, M, Anticevic, A, Barch, D. (September, 2013). Effects of emotional distracters and reinforcement on neural systems of attentional control in adolescents. Flux Conference, Pittsburgh, PA.
67. Schlund, M, **Ladouceur, CD**, Anticevic, A, Barch, D, Magee, S, Cataldo, M. (November, 2013). Neuroimaging attentional control in adolescents: Effects of emotional distracters and reinforcement. Society for Neuroscience, San Diego, CA.
68. Lee, GE, Gilchrist, DE, Morgan, JK, Forbes, EE, McMakin, DL, Dahl, RE, **Ladouceur, CD**, Ryan, ND, & Silk, JS. (November, 2013). Positive peer interactions in anxious children: An ecological momentary study. 47th annual Association for Behavioral and Cognitive Therapies Convention, Nashville, Tennessee.
69. Meller, S, Silk, JS, Tan, P, McMakin, DL, Forbes, EE, **Ladouceur, CD.** Siegle, GJ, & Ryan, ND. (November, 2013). Parental expressed emotion and one year treatment outcome in child anxiety. Positive peer interactions in anxious children: An ecological momentary study. Poster presented at the 47th annual Association for Behavioral and Cognitive Therapies Convention, Nashville, Tennessee.
70. Price, R, Silk, JS, Siegle, GJ, **Ladouceur, CD,** McFarland, A, Dahl, RE, & Ryan, ND. (November, 2013). Looking under the hood of the Dot-Probe Task: An fMRI study in anxious youth neural mechanisms. Paper presented in Symposium entitled Neural mechanisms of Attention Bias and Attention Bias Modification: Cognitive Neuroscience Meets Cognitive-Behavioral Theory at the 47th annual Association for Behavioral and Cognitive Therapies Convention, Nashville, Tennessee.
71. Siegle, GJ, Graur, S, Price, R, **Ladouceur, CD,** Silk, JS, & Ryan, N.D. (November, 2013). Changes in neural mechanisms of vigilance and avoidance in CBT for youth anxiety. Paper presented in Symposium entitled Dimensional Constructs and Neural Correlates of CBT Treatment Outcome in Anxiety Disorders at the 47th annual Association for Behavioral and Cognitive Therapies Convention, Nashville, Tennessee.
72. Allen, KB, Meller, S, Ryan, ND, Ladouceur, CD, Sheeber, L, Forbes, EE, Dahl, R., Siegle, GJ, McMakin, D, & Silk. JS (March, 2014). Parental anxiety and anxiogenic parenting: Effects on the everyday emotional experience of anxious children. Paper presented at the Anxiety and Depression Association of America Meeting, Chicago, IL.
73. **Ladouceur, CD**. (April, 2014). Adolescent Fronto-limbic Development, Puberty and Affective Disorders. In Janice Juraska (Chair) Sex Differences in Neural Development during Adolescence and Affective Disorder Vulnerabilities. Symposium presented at the Organization for the Study of Sex Differences, Minneapolis, MN.
74. Manelis, A, **Ladouceur, CD**, Graur, S, Monk, K, Bonar, LK, Hickey, MB, Bebko, G, Bertocci, MA, Birmaher, B, Phillips, ML. (May, 2014). Altered functioning of reward circuitry during processing of loss in youth at-risk for bipolar disorder. Poster presented at the Society for Research in Biological Psychiatry, 75 (9), 198S.
75. Manelis, A, **Ladouceur, CD**, Graur, S, Monk, K, Bonar, LK, Hickey, MB, Bebko, G, Bertocci, MA, Birmaher, B, Phillips, ML. (May, 2014). Youth at risk of bipolar disorder show altered patterns of activation in striatal and visual cortical regions during processing of happy and angry faces. Poster presented at the Society for Research in Biological Psychiatry, 75 (9), 328S.
76. Graur, S, **Ladouceur, CD**, Manelis, A., Monk, K, Bonar, LK, Bebko, G, Bertocci, MA, Birmaher, B, Phillips, ML. (May, 2014). Early impulsivity in youth at familial risk of bipolar disorder. Poster presented at the Society for Research in Biological Psychiatry, 75 (9), 330S.
77. **Ladouceur, CD**, Birmaher, B, Phillips, ML, Dahl, RE. (May, 2014). Greater amygdalar response to fearful faces with increasing pubertal status in unaffected girls at familial risk for mood disorders. Poster presented at the Society for Research in Biological Psychiatry, 75(9), 331S.
78. Forbes EE, Silk JS, **Ladouceur CD**, Dahl RE, Siegle G, Musselman S, Schlund M, Ryan ND.(November, 2014). Frontostriatal response to monetary reward predicts response to cognitive behavioral therapy in youth with anxiety. In JS Silk (Chair), First Look at Results From the Pittsburgh Child Anxiety Treatment Study. Symposium presented at the 48th Annual Convention of the Association for Behavioral and Cognitive Therapies, Philadelphia, PA, November, 2014.
79. **Ladouceur, CD**, Tan, P, Silk, JS, Allen, KB, Sharma, V, Siegle, GJ, Dahl, RE, & Ryan, N. (March, 2015). Parenting strategies during a stressful event are linked to error-related brain activity in anxious youth. In C. D. Ladouceur (Chair), Neurobiological influences of parenting in emotionally salient contexts: Implications for adolescent physical and mental health. Symposium presented at the Society for Research on Child Development Meeting, Philadelphia, PA.
80. Silk, JS, Elliott, R, **Ladouceur, CD**, Dahl, RE, Forbes, EE, Ryan, N., & Siegle, GJ (March, 2015). Parental socialization of anxiety is associated with early adolescents’ neural response to threat. In **CD. Ladouceur** (Chair), Neurobiological influences of parenting in emotionally salient contexts: Implications for adolescent physical and mental health. Symposium presented at the Society for Research on Child Development Meeting, Philadelphia, PA.
81. **Ladouceur, CD**. (March, 2015). The influence of puberty on the functioning of frontolimbic circuitry in girls at familial risk of mood disorders. In CD Ladouceur (Chair), The Role of Sex Hormones in Emotions and Behavior: Implications for Understanding Vulnerability for Psychopathology. Symposium presented at the International Convention of Psychological Science (ICPS), Amsterdam, The Netherlands.
82. **Ladouceur, CD** (March, 2015). Discussant in S. Schweizer (Chair). Affective Working Memory: Insights from Cognitive Sciences, Neuroscience, Genetics, Clinical Sciences and Training Studies. Symposium presented at the International Convention of Psychological Science (ICPS), Amsterdam, The Netherlands.
83. Lee, KH, Silk, JS, Lee, G, **Ladouceur, CD**, Dahl, RE, & Siegle, GJ. (March, 2015). Neural response to social status information mediates the relationship between depressive symptoms and peer victimization. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
84. Morgan, J, Lee, G, Gilchrist, D, Forbes, EE, McMakin, D, Dahl, RE, **Ladouceur, CD**, Siegle, GJ, Ryan, ND, & Silk, JS. (March, 2015). The Social Context of Positive Affect in Clinically Anxious Youth. In E. van Roekel (Chair), Momentary positive emotions and experiences in adolescence: Relations with depressive symptoms, anxiety, and resilience. Symposium presented at the Society for Research on Child Development Meeting, Philadelphia, PA.
85. **Ladouceur, CD**, Tan, P, Silk, JS, Allen, KB, Sharma, V, Siegle, GJ, Dahl, RE, & Ryan, ND (May, 2015). Parent’s socialization of emotion regulation is associated with error-related brain activity in anxious youth. In R. J. Brooker (Chair), The margins of error: Characterizing the developing ERN in association with markers of mental health from preschool to late childhood. Symposium presented at the Association for Psychological Science Meeting, New York, NY.
86. Graur, S, **Ladouceur, CD**, Manelis, A, Monk, K, Bonar, LK, Hickey, MB, Dwojak, AC, Axelson, D, Goldstein, BI, Goldstein, TR, Bebko, GM, Bertocci, MA, Hafeman, DM, Gill, MK, Birmaher, B, Phillips, ML. (May, 2015). Age-Related Effects on Response Inhibition in Youth at Familial Risk for Bipolar Disorder. Society of Biological Psychiatry 70th Annual Meeting. Toronto, ON, Canada.
87. Kerestes, R, Segreti, AM, Pan, L, Phillips, ML, Birmaher, B, **Ladouceur, CD** (May, 2015). Distinct Patterns of Functional Connectivity in Emotion Processing Neural Circuitry to Happy Faces in Adolescents with and At Risk for Major Depressive Disorder. Society of Biological Psychiatry 70th Annual Meeting. Toronto, ON, Canada.
88. Manelis, A, **Ladouceur, CD**, Graur S, Monk K, Bonar LK, Hickey MB, Axelson D, Goldstein BI, Goldstein TR, Bebko G, Hafeman DM, Gill MK, Birmaher B, Phillips, ML. (May, 2015). Prediction of Excessive Mood Lability in Offspring of Bipolar Parents by Abnormally Elevated Functional Connectivity Between Right Amygdala (Ramygdala) and Left Ventrolateral Prefrontal Cortex (LvIPFC). Society of Biological Psychiatry 70th Annual Meeting. Toronto, ON, Canada.
89. Bertocci MA, Bebko G, Dwojak A, **Ladouceur CD**, Versace A, Fournier J, Almeida JRC, Perlman SB, Travis MJ, Gill MK, Bonar L, Schirda C, Diwadkar VA, Sunshine JL, Holland SK, Kowatch RA, Birmaher B, Axelson D, Horwitz SM, Arnold LE, Fristad MA, Findling RL, Phillips ML. (May, 2015). An examination of change in neural function supporting change in measures of dysregulation. Society of Biological Psychiatry 70th Annual Meeting. May 2015. Toronto, ON, Canada.
90. Soehner AM, Bertocci M, **Ladouceur CD**, Graur S, Monk K, Bonar LK, Hickey MB, Axelson D, Goldstein BI, Goldstein TR, Bebko G, Hafeman DM, Gill MK, Birmaher B, Phillips, ML. Associations between sleep duration, neural activity and connectivity during an fMRI reward paradigm, and emerging manic symptoms in youth at risk for bipolar disorder. Society of Biological Psychiatry 70th Annual Meeting. Toronto, ON, Canada.
91. Soehner AM, Bertocci M, **Ladouceur CD**, Graur S, Monk K, Bonar LK, Hickey MB, Axelson D, Goldstein BI, Goldstein TR, Bebko G, Hafeman DM, Gill MK, Birmaher B, Phillips, ML. (June, 2015). Associations between sleep duration, neural activity and connectivity during an fMRI reward paradigm, and emerging manic symptoms in youth at risk for bipolar disorder. SLEEP Meeting. Seattle, WA, USA.
92. Stone LB, Silk JS, Waller J, **Ladouceur CD**, Forbes EE, & Ryan ND (November, 2015). When social support fails: Ecological momentary assessment of anxious youths' social regulation of negative affect with parents and peers in their daily lives. Poster presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapy (ABCT), Chicago, IL.
93. Mennies RJ, Stone LB, **Ladouceur CD**, Ryan N, Jones N, & Silk JS. (November, 2015). Worry and rumination in anxious youth: predictors of habituation during exposure therapy? Poster presented at the Annual Meeting of the Association for Behavioral and Cognitive Therapy (ABCT), Chicago, IL.
94. Allen KB, Tang K, Price RB, Siegle GJ, **Ladouceur CD**, Ryan ND, & Silk JS. (November, 2015). Pupillary and eye tracking indices of attention bias predict the development of depressive symptoms in anxious youth. In R. B. Price (Chair), Beyond reaction time bias: Neural, physiological, ecological, and clinical correlates of information processing mechanisms. Annual Meeting of the Association for Behavioral and Cognitive Therapy (ABCT), Chicago, IL.
95. Binnig, S, Berry, AD, Brewer, AT, Schlund, MW, **Ladouceur, CD** (March, 2016). Delay Discounting in Adolescence: Effects of Age and Puberty. Eastern Psychological Association. New York City, NY.
96. Adams A, Rajput M, Bylsma LM, **Ladouceur, CD**. Dampening of positive affect in offspring of parents with depression: Potential risk factor for depression. (May, 2016) American Psychological Science Annual Convention, Chicago, IL.
97. Kerestes, R, Schlund, MW, Brewer, A, **Ladouceur, CD**. (April, 2016). Sex and puberty-specific influences on brain activation during reward anticipation in healthy adolescents, and associations with reward sensitivity. Wisconsin Symposium on Emotion, Madison, Wisconsin.
98. Kerestes, R, Chase, HW, Phillips, ML, **Ladouceur, CD**, Eickhoff, SB. (May, 2016). Multimodal evaluation of the amygdala’s functional connectivity. Society of Biological Psychiatry, Atlanta, Georgia.
99. Hanfor, LC, Manelis, A, **Ladouceur, CD**, Graur, S, Monk, K, Bonar, LK, Hickey, MB, Dwojak, AC, Axelson, D, Goldstein, BI, Goldstein, TR, Bebko, G, Bertocci, MA, Gill, MK, Birmaher, B, Phillips, ML (May, 2016). Traumatic life events and emotion face processing in offspring of parents diagnosed with Bipolar Disorder (BIOS Study). Society of Biological Psychiatry, Atlanta, Georgia.
100. Kerestes R, Yeh FC, Versace, A, **Ladouceur CD** (June, 2016). Sex and puberty-specific influences on the white matter microstructure of the uncinate fasciculus. Organization for Human Brain Mapping, Geneva, Switzerland.
101. Elliott, RD, Silk, JS, **Ladouceur, CD**, Forbes, EE, Dahl, RE, Ryan, ND (October, 2016) Effects of positive parental behavior on depressive and anxious symptom trajectories during adolescence. Annual Meeting of the Association for Behavioral and Cognitive Therapy (ABCT), New York, New York.
102. Phillips, ML, Bertocci, MA, Bebko, G, Dwojak, A, Iyengar, S, **Ladouceur, CD**, Fournier, JC (October, 2016). Longitudinal relationships among emotion regulation neural circuitry function and symptom severity in at-risk youth with bipolar disorder. American Academy of Child and Adolescent Psychiatry Annual Conference, New York, New York.
103. Allen, B, Versace, A, Pelham, WE, **Ladouceur, CD**, Molina, BSG (November, 2016). Diffusion imaging of the superior longitudinal fasciculus and uncinate fasciculus and associations with dimensions of attention deficit-hyperactivity disorder in adults diagnosed in childhood. 2nd annual University of Pittsburgh Brain Institute Brain Day. Pittsburgh, PA.

**PROFESSIONAL ACTIVITIES**

**TEACHING:**

*Courses*

1992-1997 *Developmental Psychology* **-** *Department of Psychology***,** *University of Quebec in Montreal, Montreal, QC.*

Served as a *teaching assistant* for undergraduate introductory course in developmental psychology covering theoretical approaches to human development related to cognitive, emotional, biological development.

(60 students, 45 hours per semester).

1995 *Differential Psychology of the Sexes* - *Department of Psychology, University of Quebec in Montreal, Montreal, QC*.

Served as a *teaching assistant* for undergraduate course on major theories of gender differences and development. The main responsibilities were to guide students in a research project with regard to methodology and data analyses.

(30 students, 45 hours).

1995 *Quantitative Analyses in Psychology - Department of Psychology, University of Quebec in Montreal, Montreal, QC*.

Served as a *teaching assistant* for undergraduate introductory statistics course covering descriptive statistics, graphing, and data exploration, correlation, and regression.

(40 students, 45 hours).

1996 *Developmental Psychology 6-12 Age Span - Department of Psychology, University of Quebec in Montreal, Montreal, QC.*

Served as a *primary instructor* for undergraduate introductory course in developmental psychology covering theoretical approaches to human development related to cognitive, emotional, biological development focusing on the ages of 6 to 12. This course was given to students in the Education Department.

(30 students, 45 hours per semester).

1996 *Developmental Psychology 0 to 12 Age Span - Department of Psychology, University of Quebec in Montreal, Montreal, QC*.

Served as a *primary instructor* for undergraduate introductory course in developmental psychology covering theoretical approaches to human development related to cognitive, emotional, biological development focusing on the ages of 0 to 12. This course was given to students in the Education Department.

(30 students, 45 hours per semester)

2006 - 2013 *Psychological Theories and Development – School of Medicine, University of Pittsburgh*

 Served as *co-director and -lecturer* for 1st-year psychiatry resident (PGY1) course on theories of normal development.

(10 students, 1.5 hour for 10 weeks)

2013 – present *Psychological Theories and Development – School of Medicine, University of Pittsburgh*

 Serve as director for 2nd-year psychiatry resident (PGY2) course on theories of normal development.

(10 students, 1.5 hour for 10 weeks)

2010 *Development Processes – School of Medicine, University of Pittsburgh*

Guest lecturer for psychiatry residents (PGY4/5)

(15 students, 1.5 hours)

*Introduction to Psychiatry Medical Student Education (Year 1)* - *School of Medicine, University of Pittsburgh*

Served as facilitator to introduce medical students to psychiatric interviewing with children/adolescents.

(9 students, 1 hour)

2011 *Case Conference Seminar* - *School of Medicine, University of Pittsburgh*

 Guest lecturer for psychiatry residents (PGY1/5)

(10 students, 1 hour)

Title: “Neural Circuitry Underlying Emotion Regulation in Adolescents and

Implications for Development of Mood Disorders”

2013-present *Career & Research Development Seminar (CARDS)*, (academic career pathways; grantsmanship; weekly seminar through academic year). Department of Psychiatry, University of Pittsburgh.

 (approx. 20 students, 1-hour weekly meetings, 1 hour/week of grant reviews)

*Continuing Education/Continuing Medical Education Activities*

2007 American Academy of Child and Adolescent Psychiatry 32nd Annual Oral Review Course, March 21-24, 2007, Westin Convention Center, Pittsburgh, PA (score: 4.4 out of 5; 190 attendees)

Titles: Normal Development: Theoretical Perspectives (Part 1)

Normal Development: Physical, Verbal, and Emotional Domains (Part 2)

2009 Meet the PI Invited Lecture, Western Psychiatric Institute and Clinic, Pittsburgh, PA

Title: Biological Vulnerability Factors of Bipolar Disorder in Youth: Investigating Neural Systems of Emotion

2016 Meet the PI Invited Lecture, Western Psychiatric Institute and Clinic, Pittsburgh, PA

 Title: Neural Systems Supporting Emotion Regulation in Adolescence: The Role of Puberty and Implications for Affective Disorders

*Guest Lectures*

2002 Two-day workshop on research using Event-Related Potentials (ERPs)

Titles: a) What are ERPs?: Historical, Methodological, & Conceptual Issues b) Data Acquisition and Processing using Netstation 3.0.

Clinical Cognitive Neuroscience Laboratory, Director: Dr. Cameron Carter,

Western Psychiatric Institute & Clinic, Pittsburgh, PA

2003 Title: What are ERPs? Conceptual Issues, Methodology, and Application

Pittsburgh Youth Studies Laboratory, Directors: Drs. Rolf Loeber and Magda Stouthamer-Loeber

Western Psychiatric Institute & Clinic, Pittsburgh, PA

2003 Title: What can error monitoring event-related potentials (ERPs) tell us about the mechanisms of emotion (dys)regulation?

Child and Adolescent Psychiatry Research Colloquium

Western Psychiatric Institute & Clinic, Pittsburgh, PA.

2006 Title: Toward Identification of Neurodevelopmental Risk and Protective Markers in Bipolar Disorder.

WPIC Research Review Seminar

Western Psychiatric Institute & Clinic, Pittsburgh, PA.

2007 Titles: a) Using Event-Related Potentials (ERPs) to Investigate the Neuropathophysiology of Pediatric Affective Disorders, b) Discussion on Neuroimaging in Clinical Populations.

Multi-Modal Neuroimaging Summer Workshop (MNTP)

University of Pittsburgh and Carnegie Mellon University, Pittsburgh, PA

2007 Title: Neural Correlates of Action Monitoring in Pediatric Affective Disorders.

Child Depression Consortium

Western Psychiatric Institute & Clinic, Pittsburgh, PA

2008 Title: Toward the Identification of Neurodevelopmental Risk Markers of Bipolar Disorder

Child and Adolescent Psychiatry Research Colloquium

Western Psychiatric Institute & Clinic, Pittsburgh, PA.

University of Pittsburgh, Pittsburgh, PA

2009 Title: Neuroimage as a Tool to Identify Biomarkers of Risk for Bipolar Disorder

 Department of Epidemiology, University of Pittsburgh, PA

2011 Title: Functional Neuroimaging Studies in Individuals with Mood Disorders

Multi-Modal Neuroimaging Summer Workshop (MNTP)

University of Pittsburgh and Carnegie Mellon University, Pittsburgh, PA

2011 Title: Development of Corticolimbic Systems in Offspring at High Familial Risk for Bipolar

Disorder: Potential Markers of Risk or Resilience?

 Department of Epidemiology

 University of Pittsburgh, PA

2016 Guest expert panelist for T32 lunch on the topic “Work-Life Balance”.

 Department of Psychiatry

 University of Pittsburgh, PA

*Admissions and Training Committee*

2013- present Committee: Core Faculty Training Committee, WPIC Clinical Psychology Internship

Role: member; review applications, interview applicants, serve as clinical supervisor and research

preceptor for interns

University of Pittsburgh Department of Psychiatry

*Service on Predoctoral Committees*

2015-present Trainee: Rosalind Elliott

 Committee: masters thesis committee

 Title: The Mediating Effects of Neural Response to Parental Criticism on the Association between Parental Warmth and Adolescent Depression

 Role: committee member; guided development of research project and evaluated quality of resulting thesis

Location: Department of Psychology, University of Pittsburgh

*External Thesis Reviewer*

2006 Kylie Alston (Advisor: Nicholas Allen, PhD.) Doctor of Psychology, University of Melbourne, Melbourne, Australia.

2012 Else-Marie Augusti (Advisor: Annika Melinder, Ph.D.) Doctorate in Philosophy, Department of Psychology, University of Oslo, Oslo, Norway.

*Supervision and Mentoring:*

**Faculty**

University of Pittsburgh

1. Patricia Tan, Ph.D. (2013-current) - co-mentor

K-award title: Early Neurobehavioral Marker of Anxiety: Linking Threat Bias and Real World Emotion

1. Lauren Bylsma, Ph.D. (2014-current) – primary mentor

K-award title: Neurobehavioral Predictors of Emotional Deficits in Youth at Risk for Depression

**Post-doctoral Students**

University of Pittsburgh

1. Anne Conway, Ph.D. (2006-2008)

Development of neural correlates underlying cognition-emotion processes – training in the development of cognition-emotion, techniques and analyses of event-related potentials, adolescent development, pediatric anxiety and depression.

1. Patricia Tan, Ph.D. (2010-2013)

Development of attention control in the context of emotional cues.

1. Lauren Bylsma, Ph.D. (2013-2014)

Neural correlates of emotional processing and regulation in youth at familial risk for depression.

1. Vinod Sharma, Ph.D. (2012-current)

Neural correlates of conflict adaptation in anxious and non-anxious youth.

1. Rebecca Kerestes, Ph.D. (2014-current)

Neural systems of emotion regulation in adolescent depressed youth.

1. Kristy Benoit Allen, Ph.D. (2014-current)

Neural correlates of interpretation bias in anxious parents and youth.

1. Adam Grabell, Ph.D. (2014-current) co-mentor focusing on career development
2. Caroline Oppenheimer, Ph.D. (2014-2016) co-mentor with Dr. Silk

Neural correlates of social threat and risk for depression.

1. Ben Allen, Ph.D. (2015-current) co-mentor with Dr. Molina

Neural correlates of adult outcomes of childhood ADHD.

**Residents**

University of Pittsburgh

1. Tiffany Farchione, M.D. (2006-2009)

Research: Development of fMRI research protocol in youth with pediatric bipolar disorder

**Graduate Students**

Yale University

1. Rebecca Kerestes (2008-2010) – co-mentor with Zubin Bhagwagar, M.D.

Research: Neural systems of cognitive control and emotion; analyses of behavioral data on task assessing attentional control in the context of emotion; processing and analyses of fMRI data.

1. Rosalind Elliott (2014-current) – primary advisor/mentor: Jennifer Silk, PhD

Research: The influence of parenting on neural systems underlying socio-affective processing and adolescent depression.

**Undergraduate Students**

1. Maureen D. Satyshur (January-April, 2011) Student Volunteer

Research: Data entry and processing.

1. Clare Bozco (September- current) Student Volunteer

Research: Emotion processing in youth with ADHD.

1. Faith Caine (July-August, 2005) Summer Research Student

Research: Coding and analyses of event-related potential data.

1. Allison Jaffe (2002-2003)

Research: Coding and analysis of subject responses to open-ended questions following a decision-making task; training in pediatric depression.

1. Brandi Merlot (2007-2008)

Research: Neurocognitive effects of psychopharmacological treatment of pediatric bipolar disorder; training in pediatric bipolar disorder, neuropsychological testing, critical literature review, research methods.

Katerina Sorenson (2007-2008)

Research: Neurocognitive effects of psychopharmacological treatment of pediatric bipolar disorder; training in pediatric bipolar disorder, neuropsychological testing, critical literature review, research methods.

1. Jenna Berent (2008)

Research: Cognitive and emotional processing in pediatric bipolar disorder; training in pediatric bipolar disorder, neuropsychological testing, critical literature review, research methods.

1. Kathleen Reardon (2008-2009)

Research: Emotion labeling in pediatric bipolar disorder; training in pediatric bipolar disorder, neuropsychological testing, critical literature review, research methods.

1. John Slifka (2010-2011)

Research: Neural correlates of cognitive control in pediatric mood disorders; training in pediatric mood disorders, research methods related to event-related potentials and fMRI.

1. Madeline Leo (2011-2012)

Research: Emotional information processing and risk for bipolar disorder; functioning of neural circuitry of emotion regulation in bipolar disorder.

1. Elizabeth Phillips (summer 2012)

Research: High school student who assisted with data acquisition and processing.

1. Rachel Inghram (2013-2014)

Research: Cognitive-affective processing in adolescence.

1. Julia Badyna (2014-2015)

Research: Acquisition and processing of EEG data.

1. Kathryn Gasior (summer 2015)

Research: Developmental affective neuroscience methods.

1. Amanda Hopcrof (2015-current)

Research: Developmental affective neuroscience methods.

**RESEARCH:**

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| **Grant Number** | **Title** | **Role in Project** | **Years** | **Amount** |
| **Current Grants** |
| R01MH099007 | Pubertal Maturation and Motivational Influences on Frontolimbic Systems | PI (35%) | 09/01/2013-08/30/2018 | $2,865,893 |
| R01MH101096  | Neural correlates of adult outcomes of childhood ADHD: Affect, reward and control | Multiple PI (20%) (Molina, Ladouceur) | 09/01/2014-06/30/2019 | $3,651,323 |
| R01MH103241 | Influence of Social Threat on Reward Function in At-Risk Adolescent Girls | Multiple PI (25%)(Silk/Ladouceur) | 04/01/2015-03/31/2020 | $3,648,781 |
| 3R01MH099007-04S1 | Administrative Supplement: Pubertal Maturation and Motivational Influences on Frontolimbic Systems | PI | 07/06/2016-05/31/2017 | $106,240 |
| R01MH060952-16 | Children of Bipolar Parents: A High Risk Follow-Up Study | CoI (10%) | 08/11/2016-05/31/2021 | $6,426,410 |
| **Pending Grants** |
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| R01 AA024820-01A1 | Biomarkers of Risk and Resilience in Addiction Prone Families  | CoI (10%)(Hill) |

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| R01 AA024947-01A1 | Longitudinal Assessment of the Neurobiology of Emotion Regulation in Family Members of Alcohol Dependent Women | CoI (10%)(Hill)(NGA pending) |

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| R01 MH111600-01 | Positive Valence Systems and Manic Symptom Trajectories in Adolescent Depression | Multiple PI (30%)(Ladouceur, Diler)(submitted) |

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| **Prior Grant Support** |
| R01MH060952-16(Birmaher/Phillips) | Children of Bipolar Parents: A High Risk Follow-Up Study | CoI (10%) | 07/25/2011-05/31/2016 | $3,554,620 |
| PA-HEAL (Lewis) | Reducing the Cognitive Consequences of Cannabis Use by Adolescents | CoI (15%) | 06/01/2011-05/31/2015 | $4,201,046 |
| R01MH091327 (Silk) | Puberty and Threat/Reward Processing in the Trajectory from Anxiety to Depression | CoI (10%) | 8/24/2010-6/30/2015 | $2,451, 456  |
| K01MH083001 | Toward the Identification of Neurodevelopmental Risk Markers of Bipolar Disorder | PI (100%) | 4/1/2008 – 9/30/2013 | $731,304 |
| NARSAD | Neural Correlates of Emotion Regulation in Adolescents at Risk for Bipolar Disorder | PI (10%) | 7/1/2006-6/30/2009 | $60,000 |
| NARSAD | Neurodevelopmental Risk Markers of Bipolar Disorder in Offspring with ADHD of Parents with Bipolar Disorder | PI (10%) | 1/1/2009-1/1/2012 | $60,000 |
| R21DA024144-01 | Emotion Regulation in Adolescence: A Social Affective Neuroscience Approach | CoI (5%) | 9/26/2007 - 7/31/2011 | $1,169,443 |
| P50MH080215 | Transdisciplinary Studies of CBT for Anxiety in Youth (CIDAR Center grant) | Co-PI (Project 1), Co-I (Project 3, Core 1, Core 2) | 4/1/2008 – 3/31/2013 | $9,546,181 |
| American Suicide Foundation for Suicide Prevention | Cognitive Control and Emotion Processing: Markers of High-Intent Suicide Ideations in Adolescents | Consultant | 2008-2010 | $72,600 |

**Workshops, Seminars and Invited Talks**

2007 *Neural Correlates of Action Monitoring in Pediatric Affective Disorders*. Invited speaker at the Child Depression Consortium, Pittsburgh, PA.

2009 *Toward the Identification of Neurodevelopmental Vulnerability Markers of Bipolar Disorder:*

 *Investigating Neural Systems of Emotion*. Invited speaker at the Department of Psychiatry, Ste-Justine Pediatric Hospital, Montreal, Quebec, Canada.

2009 *Neurodevelopmental Vulnerability Markers of Bipolar Disorders*. Invited speaker at the Clinical and Developmental Psychology Brown Bag Series. University of Pittsburgh, Pittsburgh, PA.

2009 Biological Vulnerability Factors of Bipolar Disorder in Youth: Investigating Neural Systems of Emotion. Meet the Principal Investigator Lecturer. Western Psychiatric Institute and Clinic Lecture Series. University of Pittsburgh, Pittsburgh, PA.

2011 *Brain Development and Risk for Bipolar Disorder*. Invited speaker at the Department of Psychiatry, Sunnybrook Hospital, Toronto, Ontario, Canada, 2011, November.

2011 Think Tank #2: Pharmacological and behavioural treatments of addiction - Focus on

brain imaging Canada – Finland – USA Joint Workshop on “The Early Origins of Addiction”. Invited moderator at the American Academy of Child and Adolescent Psychiatry Pre-conference.

2012 *Altered Frontolimbic Functioning in Unaffected Bipolar Offspring: Neural Marker of Risk for Bipolar Disorder?* Invited speaker for the “Rising Stars” lectures during the Department of Psychiatry Research Day. University of Pittsburgh, Pittsburgh, PA.

2012 *Abnormal Positive Affect Circuitry in Youth At-Risk for Bipolar Disorder*. Invited speaker at the Developmental Affective Neuroscience Symposium, Pittsburgh, PA.

2012 *Toward the Identification of Neural Markers of Risk in Youth at Familial Risk for Bipolar Disorder*. Invited speaker at the Department of Psychology, University of New Orleans,

 Louisiana.

2012 *Adolescent Brain Development: Implications for Mood Disorders*. Invited speaker for a Child Safety Network Webinar.

2015 *Functional and structural MRI findings in child and adolescent offspring of bipolar patients*. Invited speaker at the European College of Neuropsychopharmacology (ECNP), September, 2015, Amsterdam, The Netherlands.

2016 *Functioning of Neural Systems Underlying Cognitive Control of Emotion and Reward in Adolescence: A Transdiagnostic Perspective.* Invited speaker in Invited Symposium (Chair: T. Ollino) Converging Evidence: Impulsivity, Effortful Control, and Disinhibition. American Psychological Science (APS) Annual Convention, Chicago, IL.

2017 *Neural Systems Supporting Emotion Regulation in Adolescence: The Role of Puberty and Implications for Affective Disorders*. Invited speaker at the Department of Psychological & Brain Sciences, Washington University in St-Louis, St-Louis, MO.

2017 *Puberty-Specific Influences on the Adolescent Emotional Brain: Implications for Affective Psychopathology.* Invited speaker at the Department of Human Development and Family Studies, Iowa State University, Ames, IA.

**Other Research Related Activities**

2005 Consulting Editor: Psychophysiology

2010 Contributing Editor: Journal of the American Academy of Child and Adolescent Psychiatry

2011-present Review Editor: Frontiers in Child and Neurodevelopmental Psychiatry

2013-present Editorial Board Member: Developmental Cognitive Neuroscience

2014-present Member of the Consulting Editor board: Journal of Abnormal Psychology

2016-present Member of the Human Affectome Project Taskforce (ATTENTION team)

Ad-hoc Journal Reviewer:

2001-present Developmental Neuropsychology

2001-present Psychiatry Research

2002-present Developmental Science

2006-present Psychophysiology

2006-present Human Development

2006-present Cerebral Cortex

2006-present Psychological Science

2004-present Journal of Child and Adolescent Psychiatry and Allied Disciplines

2006-present Brain Research

2006-present Journal of Psychiatry and Neuroscience

2007-present American Journal of Psychiatry

2007-present Biological Psychiatry

2007-present Journal of Abnormal Child Psychology

2007-present Biological Psychology

2008-present Bipolar Disorders

2008-present Depression and Anxiety

2008-present Neuropsychologia

2010-present Neuropsychopharmacology

2010-present Psychological Medicine

2008-present Journal of the American Academy of Child and Adolescent Psychiatry

2011-present Developmental Cognitive Neuroscience

2010-present Archives of General Psychiatry

2010-present Cognitive, Affective, and Behavioral Neuroscience

2011-present Cognition and Emotion

2011-present Annals of Medicine

2011-present Human Brain Mapping

2011-present Journal of Experimental Child Psychology

2012-present Neuroscience & Biobehavioral Reviews

2013-present Psychoneuroendocrinology

2013-present NeuroImage

2014-present Social, Cognitive, and Affective Neuroscience

2015-present Journal of Affective Disorders

2015-present Santé Mentale au Québec

Committee Membership:

2007 Tursky Award Committee – Society for Research in Psychophysiology

2012-2014 Program Planning Committee – Society for Biological Psychiatry

2012-present Developmental Affective Neuroscience Conference Organizing Committee

2013 Local Planning Committee – Flux Congress (The International Congress for Integrative Developmental Cognitive Neuroscience)

2014-present Program Planning Committee – Society for Research in Child Development (SRCD)

2016-present Member of the Human Affectome Project – a taskforce organized to deepen our understanding of emotions.

External Grant Reviewer:

2009/2010 Nova Scotia Health Research Foundation

2010/2012 National Science Foundation, Cognitive Neuroscience Program

2010/2011 Swiss National Science Foundation, November

2012 Ad hoc reviewer for NIMH special emphasis panel scientific review group for F31/F32 fellowships (ZMH1 ERB-M (07) S): 07/17/2012

2013 Ad hoc reviewer for NIMH special emphasis panel scientific review group for F31/32 (ERB-X 02): 06/28/2013

2014 Ad hoc reviewer for the Child Psychopathology and Development Disabilities (CPDD) NIH study section: 02/2014, 10/2014

2016 Ad hoc reviewer for NIMH scientific review group Sensory and Motor Neuroscience, Cognition and Perception F31/32 Fellowship study section (ZRG1 F02B-D): 03/2016

Media:

Monastersky, R. (January 2007). Who’s Minding the Teenage Brain?: Scientist find clues to why adolescents seek out and find trouble. The Chronicle of Higher Education. (http://chronicle.com/weekly/v53/i19/19a01401).

**CURRENT RESEARCH INTERESTS:**

* Development of neural systems supporting cognitive control in the context of emotion and motivation in adolescence as a way to elucidate potential biomarkers of risk for affective disorders.
* Puberty-specific effects on the development of emotion and reward neural circuitry in typically developing and at-risk youth.
* Neural markers of risk for the development of psychopathology, including mood disorders and substance abuse.

**SERVICE:**

University and Medical School

1. Reviewer for WPIC Research Committee (2001 – Present)
2. Interviewer for Resident Interview Committee (2008 – Present)
3. Member of the WPIC K committee (2008 – Present)

d) Chair: WPIC Wide Journal Club - Risk and Reward in Adults and Adolescents (02/2006)

e) Discussant: WPIC Resident Grand Rounds - Anxiety Disorders: Impact on Children (06/2006)

f) Member of a Taskforce to review WPIC Research Committee (2011)

g) Director of the Developmental Affective Science Consortium (DASC, [www.dascpitt.org](http://www.dascpitt.org))

h) Program Chair, Developmental Affective Neuroscience Symposium (10/2015)

i) Facilitator for WPIC Research Day Roundtable discussions (06/2015, 06/2016)

Community activities

1. Speaker at teacher in-service at Aquinas Academy, Gibsonia, PA (January, 2010): “Anxiety Disorders in Children and Adolescents”.
2. Speaker at a parenting group on adolescent development, Gibsonia, PA (November, 2010): “Adolescence: A developmental period with vulnerabilities and opportunities”.
3. Speaker at Family Conference, Aquinas Academy, Gibsonia, PA (September, 2011, 2015): “The role of temperament in child development; Parent-Child Communication in Childhood and Adolescence”.
4. LeadersNow International – a non-profit organization that aims to foster authentic

leadership in adolescent girls (Board Member 2013-2016; Chapter Coordinator 2016-current).

1. Speaker at Career Day, Aquinas Academy, Gibsonia, PA (February 12, 2016): Work as a research

psychologist: day to day activities.