

ELIZABETH P. HAYDEN

CURRICULUM VITAE

Personal Information

Address Brain and Mind Institute
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Positions

2015-present Professor
Department of Psychology
University of Western Ontario

2012-present Principal Investigator, The Brain and Mind Institute

2010-2015 Associate Professor
Department of Psychology
University of Western Ontario

2005-2010 Assistant Professor
Department of Psychology
University of Western Ontario

2007-present Scientist
Children's Health Research Institute
Part of Lawson Health Research Institute

2005-2007 Associate Scientist
Children's Health Research Institute
Part of Lawson Health Research Institute

Education & Training

2007 New England Biolabs Molecular Biology and PCR course

2003-2005 Postdoctoral Research Fellow
Institute of Psychiatric Research
Indiana University School of Medicine

2002-2003 Psychology Resident
Indiana University School of Medicine

1997-2003 Ph.D. in Clinical Psychology
SUNY at Stony Brook
Dissertation advisor: Daniel Klein, Ph.D

1992-1997 Bachelor of Arts, magna cum laude
SUNY at Stony Brook

Academic and Other Awards

2013-2014 Faculty Scholar, University of Western Ontario

2009-2014 Ontario Ministry of Research and Innovation
Early Researcher Award

2006-2008 National Alliance for Research on Schizophrenia and Affective
Disorders (NARSAD)
Young Investigator Award

1995 Phi Beta Kappa

1992-1997 SUNY at Stony Brook Honors College program

Travel Awards

2008 NIMH, American Psychopathological Association meeting

2006 SSHRC, Society for Research in Psychopathology meeting

2003 NIMH, Child Depression Research Consortium meeting

Training Grants

2009-2017 Children's Health Research Institute
Quality of Life Initiative (total amount: \$150,000)
Role: Graduate Supervisor
Student Trainees: Katie Kryski, Sarah Mackrell, Yuliya
Kotelnikova, Victoria Johnson, Sarah Ouellette, Matthew
Vandermeer, Andrew Daoust, Ola Mohammad Ali

Research Grants (funded)

- 2020-2026 Canadian Institutes of Health Research
Project Grant (total amount: \$581,400)
Role: Co-Investigator
Project Title: Threat and reward sensitivity as markers of stress susceptibility in adolescence: Identifying predictors of anxiety and depression
- 2019-2024 Social Sciences and Humanities Research Council
Insight Grant (total amount: \$317,595)
Role: Principal Investigator
Project title: A developmental approach to understanding sex and gender differences in the evolution of stress exposure and stress sensitivity
- 2019-2020 Western BrainsCAN
Accelerator Stimulus Grant (total amount: \$81,200)
Role: Principal Investigator
Project tile: Altering high-risk trajectories in adolescent depression via attention bias modification training: Neural predictors and mechanisms
- 2016-2018 Social Sciences and Humanities Research Council
Insight Development Grant (total amount: \$52,700)
Role: Principal Investigator
Project title: An experimental approach to examining the effects of mindfulness on young children's self-regulation
- 2015-2020 Natural Sciences and Engineering Research Council of Canada
Discovery Grant (total amount: \$150,000)
Role: Principal Investigator
Project title: Measuring reactive and regulatory processes in middle childhood
- 2015-2018 Ontario Mental Health Foundation
Research Grant (total amount: \$150,000)
Role: Principal Investigator
Project title: Children's neural and cortisol reactivity in depression-relevant contexts: A high-risk offspring study
- 2015-2016 National Institutes of Mental Health
R01 (total amount: \$151,654)
Role: Collaborator
Project title: Harmonizing developmental studies examining attention bias, behavioral inhibition and anxiety

2011-2012	Academic Development Fund Small Grant (total amount: \$7700) Role: Principal Investigator Project title: A preliminary investigation of the structural neural correlates of early stress
2010-2014	National Institutes of Mental Health R01 (total amount: \$2,897,145 US) Role: Co-investigator Project title: Temperamental Emotionality in Preschoolers and Depression Risk
2008-2013	Canadian Institutes of Health Research Operating Grant (total amount: \$780,000) Role: Principal Investigator Project title: Gene-environment interplay and the developmental psychopathology of internalizing disorders
2008-2010	Social Sciences and Humanities Research Council Standard Research Grant (total amount: \$157,287) Role: Principal Investigator Project title: Childhood temperamental vulnerability to internalizing psychopathology: Emotional and cognitive pathways
2007-2008	Ontario Mental Health Foundation Research Grant (total amount: \$160,000) Role: Co-investigator Project title: Cognitive vulnerability in adolescents at risk for depression
2006-2008	National Alliance for Research on Schizophrenia and Affective Disorders (NARSAD) Young Investigator Award (total amount: \$60,000 US) Project title: Molecular genetics of child temperament
2006-2008	Academic Development Fund Major Grant (total amount: \$140,000) Role: Principal Investigator Project title: Temperamental vulnerability to internalizing psychopathology

Memberships in Professional Societies

2014-present	Fellow, Association for Psychological Science
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2014-present	Fellow, American Psychopathological Association
2014-present	Member, Canadian Psychological Association
2009-present	International Society for Child and Adolescent Psychopathology
2008-present	American Psychopathological Association
2006-present	Society for a Science of Clinical Psychology (APA Division 12, Section 3)
2004-present	Society for Research in Psychopathology
2000-present	Association for Psychological Science

Teaching Experience

2005-2017	Instructor, PSY 621a, Child Psychopathology
2012-2016	Instructor, PSY 2320, Abnormal Child Psychology
2011	Instructor, PSY 4655, Personality and Developmental Psychopathology
2008-2009	Instructor, PSY 2301, Introduction to Clinical Psychology
2006; 2010	Instructor, PSY 364f, Child Psychopathology
2001	Co-instructor, PSY 447, Readings in Psychology (Adult Psychopathology)
2000, 2001	Instructor, PSY 335, Clinical Behavior Modification
2000	Teaching Assistant, PSY 338, Abnormal Child Psychology

Professional and Departmental Service

2018-2021	Associate Chair (Graduate Affairs), Department of Psychology
2017-2019	Secretary, Society for Research in Psychopathology (elected office)
2014-current	Canadian Institutes of Health Research, Social & Developmental Aspects of Children's & Youth's Health peer review committee, committee member

2014-2017	Ontario Ministry of Research and Innovation Early Researcher Award, reviewer
2013-2015	National Institutes of Health, Psychosocial Development, Risk, and Prevention, study section reviewer
2012-2014	Member-at-large, Society for Research in Psychopathology (elected office)
2011-2014	Canadian Institutes of Health Research, Social & Developmental Aspects of Children's & Youth's Health peer review committee, internal reviewer
2010-2012	Membership committee, Society for a Science of Clinical Psychology
2009; 2012	Student poster awards judge, Annual meeting of the Association for Psychological Science, SSCP poster section
2008-2009	Medical Research Council, Research grants, Ad hoc reviewer
2008-2011	Colloquium series coordinator, UWO Dept. of Psychology
2008- present	Nominations committee, UWO Dept. of Psychology (served as committee chair in 2008-2010)
2008- present	Coordinator, Clinical area research brown bags, UWO clinical Program
2007-2009	Secretary-Treasurer, Society for a Science of Clinical Psychology (elected office)
2007; 2009	Dissertation awards reviewer, Society for a Science of Clinical Psychology
2007-2008	Curriculum review committee member, UWO clinical program
2006-2011	Ontario Mental Health Foundation, Research fellowships peer-review committee
2005-2006	Comprehensive exam committee member, UWO clinical program

Manuscript Reviews and Editorial Positions

2017-	Associate Editor, Psychological Assessment
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2014-	Associate Editor, Personality and Individual Differences
2016-	Consulting Editor, Clinical Psychological Science
2015-2017	Consulting Editor, Developmental Psychology
2014-2016	Consulting Editor, Psychological Assessment
2013-	Guest editor, Journal of Abnormal Psychology, special section on stress sensitivity and psychopathology
2012-	Reviewer, submissions to the Society for Research in Child Development 2013 meeting
2011-	Consulting editor, Journal of Abnormal Psychology
2011-	Editorial board, Personality and Individual Differences
2011-	Review board, Frontiers of Behavioral and Psychiatric Genetics
2003-present	Selection of ad-hoc reviews: Archives of General Psychiatry Biological Psychiatry Psychological Science American Journal of Medical Genetics Part B: Neuropsychiatric Genetics Psychiatric Genetics Psychological Medicine Journal of Affective Disorders Cognitive Therapy and Research Journal of Abnormal Child Psychology Behavior Research and Therapy Genes, Brain, & Behavior PLoS ONE

Manuscripts Under Review (underlined names are those of student trainees)

1. Mohamed Ali, O., Gabel, L. N., Stanton, K., Kaufman, E. A., Klein, D. N. & **Hayden, E. P.** (under review). *Observational measures of early irritability predict children's psychopathology risk.*
2. Liu, P., **Hayden, E. P.**, Dougherty, L. R., Leung, H., Goldstein, B., Klein, D. N. (under review). Decreased grey matter volume in vIPFC is associated with slower increase of positive self-views in children.

3. Mohamed Ali, O., Kotelnikova, Y., Kryski, K. R., Durbin, C. E. & Hayden, E. P. (under review). Parent personality and children's externalizing problems are related via early caregiving.
4. Liu, P., Vandermeer, M.R.J., Joannis, M.F., Barch, D.M., Dozois, D.J.A., Hayden, E.P. (revised and resubmitted). Depressogenic self-schemas are associated with decreased grey matter volume in never-depressed preadolescents.
5. Daoust, A. R., Thakur, A., Kotelnikova, Y., Kleiber, M. L., Singh, S. M. & Hayden, E. P. (revised and resubmitted). Associations between children's telomere length, parental intrusiveness, and the development of early rule-breaking symptoms.

In-Press and Published Articles and Chapters

1. Vandermeer, M.R.J., Liu, P., Mohamed Ali, O., Daoust, A.R., Joannis, M.F., Barch, D.M., & Hayden, E.P. (in press). Orbitofrontal cortex grey matter volume is related to children's depressive symptoms. *Neuroimage: Clinical*.
2. McDonnell, C.G., DeLucia, E.A., Hayden, E.P., Penner, M., Curcin, K., Anagnostou, E., Nicolson, R., Kelley, E., Georgiades, S., Liu, X., & Stevenson, R.A. (in press). Sex differences in age of diagnosis and first concern among children with autism spectrum disorder. *Journal of Clinical Child and Adolescent Psychology*.
3. Olino, T.M., Guerra-Guzman, K., Hayden, E.P., & Klein, D.N. (in press). Evaluating maternal psychopathology biases in reports of child temperament: An investigation of measurement invariance. *Psychological Assessment*.
4. Liu, P., Kryski, K. R., Sheikh, H. I., Smith, H. J., Singh, S., & Hayden, E. P. (in press). Dynamic associations between children's lower- and higher-order regulation predict change in attention problems. *Social Development*.
5. Liu, P., McDonnell, C. G., & Hayden, E. P. (2020). Inhibited Children in a Social World: Transactional and Interactive Processes. In L. A. Schmidt & K. L. Poole (Eds.) *Adaptive Shyness: Developmental, Comparative, and Cultural Perspectives* (pp.91-110). Cham, Switzerland: Springer International Publishing.
6. Sandstrom, A., Daoust, A. R., Russell, E., Koren, G. & Hayden, E. P. (2020). Hair cortisol concentrations predict change in girls' depressive symptoms. *European Journal of Developmental Psychology*, 1-15.
7. Harkness, K.L. & Hayden, E.P. (2020). Prologue. In Harkness, K.L. & Hayden, E.P. (Eds.). *Oxford Handbook of Stress and Mental Health*. New York, New York: Oxford University Press.

8. **Hayden, E.P.** & Harkness, K.L. (2020). Epilogue. In Harkness, K.L. & Hayden, E.P. (Eds.). *Oxford Handbook of Stress and Mental Health*. New York, New York: Oxford University Press.
9. Kotelnikova, Y. & **Hayden, E.P.** (2020). Child temperament. In V. Zeigler-Hill & T. K. Shackelford (Eds.), *Encyclopedia of Personality and Individual Differences*. New York, NY: Springer.
10. Vandermeer, M.R. J., & **Hayden, E.P.** (2020). Stress reactivity. In V. Zeigler-Hill & T. K. Shackelford (Eds.), *Encyclopedia of Personality and Individual Differences*. New York, NY: Springer.
11. Stanton, K., McDonnell, C.G., **Hayden E. P.,** & Watson, D. (2020). Transdiagnostic approaches to psychopathology measurement: recommendations for measure selection, data analysis, and participant recruitment. *Journal of Abnormal Psychology, 129*, 21-28.
12. Liu, P., Vandermeer, M. R. J., Joannis, M. F., Barch, D. M., Dozois, D.J.A, & **Hayden, E. P.** (2020). Neural activity during self-referential processing in children at high risk for depression. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 5*, 429-437. doi: 10.1016/j.bpsc.2019.12.012.
13. McDonnell, C.G., DeLucia, E.A., **Hayden, E.P.,** Anagnostou, E., Nicolson, R., ... Stevenson, R.A. (2019). An exploratory analysis of predictors of youth suicide-related behaviors in autism spectrum disorder: Implications for prevention science. *Journal of Autism and Developmental Disorders*. Advance online publication. doi: 10.1007/s10803-019-04320-6
14. Liu, P., Kryski, K. R., Smith, H. J., Joannis, M. F., & **Hayden, E. P.** (2019). The transactional relations between early child temperament, structured parenting, and child adjustment outcomes: a three-wave longitudinal study. *Development and Psychopathology*. Advance online publication. doi: 10.1111/sode.12469
15. Kotelnikova, Y., Clark, L.A., & **Hayden, E.P.** (2019). Development and Initial Validation of the Schedule for Nonadaptive and Adaptive Personality Brief Other-Description Rating Form (SNAP-BORF). *Journal of Psychopathology and Behavioural Assessment, 41*, 470-484.
16. Gable, L.N., Daoust, A. R., Grahn, J., Durbin, C.E., & **Hayden, E.P.** (2019). Development and validation of a battery of emotionally evocative film clips for use with young children. *Psychological Assessment, 31*, 1040-1051.
17. Mohamed Ali, O., Vandermeer, M. R. J., Sheikh, H. I., Joannis, M. F. & **Hayden, E. P.** (2019). Girls' Internalizing Symptoms and White Matter Tracts in Cortico-Limbic Circuitry. *NeuroImage: Clinical, 21*, 101650.

18. Beauchaine, T. P., Constantino, J. N., **Hayden, E. P.** (2018). Psychiatry and developmental psychopathology: Unifying themes and future directions. *Comprehensive Psychiatry, 87*, 143-152.
19. Daoust, A. R., Kotelnikova, Y., Kryski, K. R., Sheikh, H. I., Singh, S. M. & Hayden, E. P. (2018). Child sex moderates the relationship between cortisol stress reactivity and symptoms over time. *Comprehensive Psychiatry, 87*, 161-170.
20. Vandermeer, M. R. J., Kotelnikova, Y. K., Sims, L. J., & **Hayden, E. P.** (2018). Spousal agreement on partner personality ratings is moderated by relationship satisfaction. *Journal of Research in Personality, 76*, 22-31.
21. Vandermeer, M.R.J., Sheikh, H.I., Singh, S.M., Klein, D.N., Olino, T.M., Dyson, M.W., Bufferd, S.J., Klein, D.N., & **Hayden, E. P.** (2018). The BDNF gene val66met polymorphism and behavioural inhibition in early childhood. *Social Development, 27*, 543-554.
22. **Hayden, E.P.**, & Durbin, C.E. (2018). Developmental Psychopathology. Invited chapter in T. Ollendick, S.W. White, & B.A. White (Eds.), *Oxford Handbook of Clinical Child and Adolescent Psychology* (pp.31-41). New York, New York: Oxford University Press.
23. Beauchaine, T.B., Zisner, A., & **Hayden, E.P.** (2018). Neurobiological mechanisms of psychopathology and treatment. Invited chapter in T. Ollendick, S.W. White, & B.A. White (Eds.), *Oxford Handbook of Clinical Child and Adolescent Psychology* (pp. 699-722). New York, New York: Oxford University Press.
24. **Hayden, E. P.**, & Vandermeer, M. (2018). Mental Illness. In M. H. Bornstein (Ed.), *The SAGE Encyclopedia of Lifespan Human Development* (pp. 1389-1391). Thousand Oaks, CA: SAGE Publications.
25. Olino, T.M., & **Hayden, E.P.** (2018). Personality assessment in children with mental health problems. In J. N. Butcher, J. Hooley, & P.C. Kendall (Eds.), *APA Handbook of Psychopathology*. Washington, DC: APA.
26. Amicarelli, A., Kotelnikova, Y., Smith, H.J., Kryski, K.R., & **Hayden, E.P.** (2018). Parenting differentially influences the development of boys' and girls' inhibitory control. *British Journal of Developmental Psychology, 26*, 371-383.
27. Meyer, A., Hajcak, G., **Hayden, E.P.**, Sheikh, H.I., Singh, S.M., & Klein, D.N. (2018). A genetic variant BDNF polymorphism interacts with hostile parenting to predict error-related brain activity in children and thereby risk for internalizing disorders. *Development and Psychopathology, 30*, 125-141.

28. Kryski, K.R., Olino, T.M., Dyson, M.W., Durbin, C.E., Klein, D.N., & **Hayden, E.P.** (2017). Associations between observed temperament in preschoolers and psychopathology risk. *Personality and Mental Health, 12*, 131-144.
29. Kotelnikova, Y., Olino, T.M., Klein, D.N., Mackrell, S.V.M., & **Hayden, E.P.** (2017). Higher- and lower-order factor analyses of the Temperament in Middle Childhood Questionnaire (TMCQ). *Assessment, 24*, 1050-1061.
30. Sheikh, H.I., Kryski, K.R., Kotelnikova, Y., **Hayden, E.P.** & Singh, S.M. (2017). Catechol-*O*-Methyltransferase gene (*val158met*) polymorphisms and anxious symptoms in early childhood: The roles of hypothalamus-pituitary-adrenal axis reactivity and life stress. *Neuroscience Letters, 659*, 86-91.
31. Nadler, R., Cordy, M., Stengel, J., Segal, Z.V., & **Hayden, E.P.** (2017). A Brief mindfulness practice reduces self-reported arousal in young children. *Mindfulness, 8*, 1088-1095.
32. Kopala-Sibley, D.C., **Hayden, E.P.**, Singh, S.M., Sheikh, H.I., Kryski, K.R., & Klein, D.N. (2017). Gene-environment correlations in the cross-generational transmission of parenting: The moderating role of children's 5-HTTLPR genotype. *Social Development, 26*, 724-739.
33. **Hayden, E. P.** (2017). Genes. In A. Wenzel (Ed.), *The SAGE encyclopedia of abnormal and clinical psychology* (pp. 1558-1559). New York, NY: Sage.
34. Kotelnikova, Y., Olino, T.M., Klein, D.N., Mackrell, S.V.M., & **Hayden, E.P.** (2017). Higher- and lower-order factor analyses of the Temperament in Middle Childhood Questionnaire. *Psychological Assessment, 24*, 1050-1061.
35. Johnson, V.C., Olino, T.M., Klein, D.N. & **Hayden, E.P.** (2016). A longitudinal investigation of predictors of the association between age 3 and age 6 Behavioural Inhibition. *Journal of Research in Personality, 63*, 51-61.
36. Johnson, V.C., Kryski, K.R., Sheikh, H.I., Smith, H.J., Singh, S.M., & **Hayden, E.P.** (2016). The serotonin transporter promoter polymorphism moderates the continuity of behavioural inhibition in early childhood. *Development and Psychopathology, 28*, 1103-1116.
37. Mackrell, S.V.M., Kotelnikova, Y., Jordan, P.L., & Hayden, E.P. (2016). The role of pubertal development in emerging depression risk in middle childhood. *Personality and Individual Differences, 98*, 315-319.
38. Kotelnikova, Y., LeMoult, J., Mackrell, S.V.M., Sheikh, H.I., Singh, S.M., Joormann, J., Gotlib, I.H., & **Hayden, E.P.** (2016). The serotonin transporter promoter variant, stress, and attentional biases in middle childhood. *Cognition and Emotion, 101*, 371-379.

39. Pagliaccio, D., Luking, K.R., Anokhin, A.P., Gotlib, I.H., **Hayden, E.P.**, Olino, T.M., Peng, C., Proudfit, G.H., Barch, D.M. (2016). Revising the BIS/BAS to study development: Metric invariance and normative effects of age and sex from childhood through adulthood. *Psychological Assessment, 4*, 429-442.
40. Kotelnikova, Y., Olino, T.M., Klein, D.N., Kryski, K.R., & **Hayden, E.P.** (2016). Higher- and lower-order factor analyses of the Children's Behavior Questionnaire in early and middle childhood. *Psychological Assessment, 28*, 92-108.
41. Beauchaine, T.B., & **Hayden, E.P.** (2016). The developmental psychopathology of child disorders. In J.C. Norcross, G.R. VandenBos, & D.K. Freedheim (Eds.), *APA handbook of clinical psychology*. Washington, D.C.: APA Press.
42. Harkness, K.L., **Hayden, E.P.**, & Lopez-Duran, N.L. (2015). Stress sensitivity and stress sensitization in psychopathology: An introduction to the special section. *Journal of Abnormal Psychology, 124*, 1-3.
43. Ouellette, S.J., Russell, E., Kryski, K.R., Sheikh, H.I., Singh, S.M., Koren, G., & **Hayden, E.P.** (2015). Hair cortisol concentrations in higher- and lower-stress mother-daughter dyads: A pilot study of associations and moderators. *Developmental Psychobiology, 57*, 519-534.
44. Kotelnikova, Y., Clark, L.A., Vernon, P.A., & **Hayden, E.P.** (2015). Development and validation of the Schedule for Nonadaptive and Adaptive Personality Brief Self-Description Rating Form (SNAP-BSRF). *Assessment, 22*, 3-16.
45. Kotelnikova, Y., Mackrell, S.V.M., Jordan, P.J., & **Hayden, E.P.** (2015). Longitudinal associations between reactive and regulatory temperament traits and depressive symptoms in middle childhood. *Journal of Clinical Child and Adolescent Psychology, 44*, 775-786.
46. Goldstein, B.L., **Hayden, E.P.**, & Klein, D.N. (2014). Stability of self-referent encoding task performance and associations with change in depressive symptoms from early to middle childhood. *Cognition and Emotion, 22*, 1-11.
47. Sheikh, H.I., Joannis, M.F., Mackrell, S.V.M., Kryski, K.R., Smith, H.J., Singh, S.M., & **Hayden, E.P.** (2014). Links between white matter microstructure and cortisol reactivity to stress in early childhood: Evidence for moderation by parenting. *Neuroimage: Clinical, 6*, 77-85.
48. **Hayden, E.P.**, Hankin, B.L., Mackrell, S.V.M., Sheikh, H.I., Jordan, P.J., Dozois, D.J.A., Singh, S.M., Olino, T.M., Watamura, S.E., & Badanes, L.S. (2014). Parental depression and child cognitive vulnerability predict children's cortisol reactivity. *Development and Psychopathology, 26*, 1445-1460.

49. Evraire, L.E., Dozois, D.J.A., & **Hayden, E.P.** (2014). Assessment of cognitive vulnerability to psychopathology: Issues in theory and practice. In G.P. Brown & D.A. Clark (Eds.), *Assessment in Cognitive Therapy* (p. 94-120). New York: Guilford Press.
50. **Hayden, E.P.**, & Mash, E. J. (2014). Child psychopathology: A developmental-systems perspective. In E. J. Mash & R. A. Barkley (Eds.), *Child psychopathology* (3rd ed.) (pp. 3-74). New York: Guilford Press.
51. Mackrell, S.V.M., Sheikh, H.I., Kotelnikova, Y., Kryski, K.R., Jordan, P.J., Singh, S.M., & **Hayden, E.P.** (2014). Child temperament and parental depression predict cortisol reactivity to stress in middle childhood. *Journal of Abnormal Psychology, 123*, 106-116.
52. Kryski, K.R., Smith, H.J., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2014). Evidence for evocative gene-environment correlation between child oxytocin receptor (OXTR) genotype and caregiver behavior. *Personality and Individual Differences, 64*, 107-110.
53. **Hayden, E.P.**, Olino, T.M., Bufferd, S.J., Miller, A., Dougherty, L.R., Sheikh, H.I., Singh, S.M., & Klein, D.N. (2013). The 5-HTTLPR and BDNF Val66Met polymorphisms and maternal history of depression: Associations with cognitive vulnerability to depression in childhood. *Development and Psychopathology, 25*, 587-598.
54. Kotelnikova, Y., Olino, T.M., Mackrell, S.V.M., Jordan, P.J., & **Hayden, E.P.** (2013). Structure of observed temperament in middle childhood. *Journal of Research in Personality, 47*, 524-532.
55. **Hayden, E.P.**, Olino, T.M., Mackrell, S.V.M., Jordan, P.J., Desjardins, J., & Katsiroumbas, P. (2013). Cognitive vulnerability to depression during middle childhood: Stability and associations with maternal affective styles and parental depression. *Personality and Individual Differences, 55*, 892-897.
56. Kryski, K.R., Smith, H.J., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2013). HPA axis reactivity in early childhood: associations with symptoms and moderation by sex. *Psychoneuroendocrinology, 38*, 2327-2336.
57. Smith, H.J., Kryski, K.R., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2013). The role of parenting and dopamine D4 receptor gene polymorphisms in children's inhibitory control. *Developmental Science, 16*, 515-530.
58. Sheikh, H.I., Kryski, K.R., Smith, H.J., Dougherty, L.R., Bufferd, S.J., Klein, D.N., Singh, S.M., **Hayden, E.P.** (2013). Catechol-O-Methyltransferase gene Val158Met polymorphism and depressive symptoms during early childhood.

- American Journal of Medical Genetics: Neuropsychiatric Genetics*, 162B, 245-252.
59. Kryski, K.R., Dougherty, L.R., Dyson, M.W., Olino, T.M., Lappo, R.S., Klein, D.N., & **Hayden, E.P.** (2013). Effortful control and parenting: Associations with HPA axis reactivity in early childhood. *Developmental Science*, 16, 531-541.
 60. **Hayden, E.P.**, Hanna, B., Sheikh, H.I., Lappo, R.S., Kim, J., Singh, S.M., & Klein, D.N., (2013). Child dopamine transporter genotype and parenting: Evidence for evocative gene-environment correlations. *Development and Psychopathology*, 25, 163-173.
 61. Sheikh, H.I., Kryski, K.R., Smith, H.J., **Hayden, E.P.**, & Singh, S.M. (2013). Corticotropin-releasing hormone system polymorphisms are associated with children's cortisol reactivity. *Neuroscience*, 229, 1-11.
 62. Mackrell, S.V.M., Johnson, E.M., Dozois, D.J.A., & **Hayden, E.P.** (2013). Negative life events and cognitive vulnerability to depression: Informant effects and sex differences in the prediction of depressive symptoms in middle childhood. *Personality and Individual Differences*, 54, 463-468.
 63. Olino, T.M., Durbin, C.E., Klein, D.N., & **Hayden, E.P.** (2012). Gender differences in young children's temperament traits: An observational study. *Journal of Personality*, 81, 119-129.
 64. Smith, H.J., Sheikh, H.I., Dyson, M.W., Olino, T.M., Lappo, R.S., **Hayden, E.P.**, Singh, S.M., & Klein, D.N. (2012). Parenting and child DRD4 genotype interact to predict children's early emerging effortful control. *Child Development*, 83, 1932-1934.
 65. Meyer, A., Klein, D.N., Torpey, D.C., Kujawa, A.J., **Hayden, E.P.**, Sheikh, H.I., Singh, S.M., & Hajcak, G. (2012). Additive effects of the dopamine D2 receptor (DRD2) and dopamine transporter (DAT1) gene on the error-related negativity (ERN) in young children. *Genes, Brain, and Behavior*, 11, 695-703.
 66. Kryski, K.R., Smith, H.J., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2011). Assessing stress reactivity indexed via salivary cortisol in preschool-aged children. *Psychoneuroendocrinology*, 36, 1127-1136.
 67. **Hayden, E.P.**, Durbin, C.E., Klein, D.N., & Olino, T.M. (2010). Maternal personality influences the relationship between maternal reports and laboratory measures of child temperament. *Journal of Personality Assessment*, 92, 586-593.
 68. **Hayden, E.P.**, Klein, D.N., Dougherty, L.R., Olino, T.M., Dyson, M.W., Durbin, C.E., Sheikh, H.I., & Singh, S.M. (2010). The Role of BDNF genotype, parental

- depression, and relationship discord in predicting early-emerging negative emotionality. *Psychological Science*, *21*, 1678-1685.
69. **Hayden, E.P.**, Klein, D.N., Dougherty, L.R., Olino, T.M., Durbin, C.E., Sheikh, H.I., & Singh, S.M. (2010). The Dopamine D2 Receptor Gene and depressive and anxious symptoms in childhood: Associations and evidence for gene-environment correlation and gene-environment interaction. *Psychiatric Genetics*, *20*, 304-310.
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Edited Volume

1. Harkness, K.L., **Hayden, E.P.** (Eds.). (2019). *Oxford Handbook of Stress and Mental Health*. New York, New York: Oxford University Press.

Commentaries

1. Olino, T.M., Nielsen, J.D., Case, J.A.C, **Hayden, E.P.**, Mennies, R.J., & Wojcieszak, Z.K (*in press*). Matters arising from Blanchard, A. E., Dunn, T. J., & Sumich, A. (2020). Borderline personality traits in attractive women and wealthy low attractive men are relatively favoured by the opposite sex. *Personality and Individual Differences*, 109964. *Personality and Individual Differences*.

Presentations & Colloquia

1. Liu, P., Vandermeer, M. R. J., Mohamed Ali, O., Daoust, A. R., Joanisse, M. F., Barch, D. M., Hayden, E. P. (2020, August). *Maternal depression, child temperament, and early family stress predict preadolescents' functional connectivity during a negative mood induction*. Paper presented at the HBHL Research Day, McGill University (virtual), Montreal, QC.
2. Chan, T.D., Liu, P., Daoust, A.R., Mohamed Ali, O., Kotelnikova, Y. & **Hayden, E.P.** (2020, May). *Women's perceptions of partner agreeableness predict relationship satisfaction only when objective indices of partner agreeableness are low*. Poster presented at the 32nd Annual Meeting of the Association of Psychological Science (virtual), Chicago, IL.
3. Daoust, A.R., Mackrell, S.V.M., Kotelnikova, Y., Singh, S.M. & **Hayden, E. P.** (2020, May). *Parents' history of psychopathology is related to children's cortisol stress reactivity*. Poster presented at the 32nd Annual Meeting of the Association of Psychological Science (virtual), Chicago, IL.
4. Mohamed Ali, O., Stanton, K., Kaufman, E. A., Klein, D. N., & **Hayden, E. P.** (2020, May). *Observational measures of early irritability predict children's psychopathology risk*. Poster presented at the 32nd Annual Meeting of the Association of Psychological Science (virtual), Chicago, IL.
5. Daoust, A.R., Vandermeer, M. R. J., Mohamed Ali, O., Singh, S. M. & **Hayden, E. P.** (2019, September). *Investigating the Stability of Cortisol Stress Reactivity Across Development: Potential Moderating Factors*. Poster presented at the 33rd Annual Meeting of the Society for Research in Psychopathology, Buffalo, NY.
6. Gabel, L. N., Daoust, A. R., Salisbury, M. R., Grahn, J. A., Durbin, E., Olino, T. M., & **Hayden, E. P.** (2019, September). *Interactions between children's*

emotional reactivity to film clips and concurrent psychopathology symptoms.
Poster presented at the 33rd annual meeting of Society for Research in Psychopathology, Buffalo, NY.

7. Liu, P., McDonnell, C., Stanton, K., Johnson, S., & Hayden, E. P. (2019, September). *Validating the Dominance Behavioral System (DBS) in childhood: Associations with other traits and symptoms.* Poster presented at the 33rd annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
8. Vandermeer, M. R. J., Liu, P., Mohamed Ali, O., Daoust, A. R., Joanisse, M. F., Barch, D. M., & Hayden, E. P. (2019, September). *A neuroimaging study of high-risk children's reactivity to maternal expressed emotion.* Poster presented at the 33rd annual meeting of Society for Research in Psychopathology, Buffalo, NY.
9. Brown, M. F. D., Liu, P., Stanton, K., Johnson, S., Kotelnikova, Y., & Hayden, E. P. (2019, September). *Evidence for distinct facets of the hypomanic personality scale: A multimethod investigation.* Poster presented at the 33rd annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
10. Mohamed Ali, O., Vandermeer, M. R., Daoust, A. R., Liu, P., Kryski, K. R., Joanisse, M. F., Barch, D. M., & Hayden, E. P. (2019, September). *Associations between early parenting and children's neural development.* Poster presented at the 33rd annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
11. Daoust, A. R., Kotelnikova, Y., Kryski, K. R., Sheikh, H. I., Singh, S. M. & Hayden, E. P. (2018, September). *The role of child sex in the stability of cortisol stress reactivity and its associations with symptoms.* Poster presented at the 32nd annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
12. Mohamed Ali, O., Kryski, K. R., Durbin, C. E. & Hayden, E. P. (2018, September). *Caregiver personality and child temperament interact to predict change in hostile parenting.* Poster presented at the 32nd annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
13. Gabel, L. N., Salisbury, M. R., Daoust, A. R., Grahn, J. A., Durbin, E., & Hayden, E. P. (2018, September). *Development and validation of a developmentally appropriate battery of emotionally evocative stimuli for use with young children.* Poster presented at the annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.
14. **Hayden, E.P.** (2018, March). *Pathways and processes in the developmental psychopathology of depression.* Invited keynote speaker at CRDH Symposium on Developmental Psychopathology, Concordia University, Montreal, QC.

15. **Hayden, E.P.** (2018, March). *Conceptual challenges in developmental psychopathology*. Invited colloquium given to the University of Chicago Department of Psychiatry and Behavioral Neuroscience, Chicago, IL.
16. **Hayden, E.P.** (2018, March). *John Kenward Memorial C&A Lecture: Pathways and processes in the developmental psychopathology of depression*. Invited grand rounds given to the University of Chicago Department of Psychiatry and Behavioral Neuroscience, Chicago, IL.
17. Vandermeer, M.R.J., Joannis, M.F., Daoust, A., Mohamed Ali, O., Salisbury, M., Barch, D.M., & **Hayden, E.P.** (2017, September). *Resting state functional connectivity in children at high risk for depression*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver, CO.
18. Mohamed Ali, O., Sheikh, H. I., Mackrell, S. M. V., Kryski, K. R., Joannis, M. F. & **Hayden, E. P.** (2017, September). *Investigating the association between white matter microstructure of the uncinat fasciculus and vulnerability markers of anxiety: A Diffusion Tensor Imaging study*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver, CO.
19. Daoust, A.R., Thakur, A., Sheikh, H.I., Kleiber, M.L., Singh, S.M., & **Hayden, E.P.** (2017, September). *Associations between children's telomere length and vulnerabilities in the early environment*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver, CO.
20. Cross, A.M., Ramdajal, R., Stager, C.L., Steinbach, K.A., Lovett, M.W., Frijters, J.C., **Hayden, E.P.**, Archibald, L.M.D., & Joannis, M. (2017, June). *Resting-state fMRI connectivity for reading and nonverbal ability in children with and without reading disability*. Poster presented at the Symposium on Research in Child Language Disorders, Madison, WI.
21. **Hayden, E.P.** (2016, March). *Early emerging depression vulnerability: Pathways and processes*. Invited talk given as part of the Offord Centre for Child Studies seminar series. Offord Centre, Hamilton, ON.
22. Vandermeer, M.R.J., Kotelnikova, Y., Kryski, K.R., & **Hayden, E.P.** (2016, May). *Relationship quality moderates mother-father personality agreement*. Poster presented at the Association for Psychological Science 28th Annual Convention, Chicago, IL.
23. Kotelnikova, Y., Sheikh, H.I., Vandermeer, M.R.J., Kryski, K.R., Singh, S.M., Olino, T.M., & **Hayden, E.P.** (2016, May). *Predictors of Latent Cortisol Trajectory Classes in the Context of Stress*. Poster presented at the Association for Psychological Science 28th Annual Convention, Chicago, IL.
24. Kotelnikova, Y., Olino, T.M., Klein, D.N., & **Hayden, E.P.** (2015). *Nature and structure of temperament in early and middle childhood: A multi-method*

- approach*. Talk presented at the International Society for the Study of Individual Differences Conference, London, ON.
25. Kopala-Sibley, D.C., **Hayden, E.P.**, Kryski, K.R., Sheikh, H., Singh, S.M., & Klein, D.N. (2015, May). *Child serotonin transporter genotype moderates the cross-generational transmission of parenting and the effect of parenting on the development of depressive symptoms in children*. Poster presented at Association for Psychological Science annual meeting, New York City, NY.
 26. Johnson, V.C., Sheikh, H.I., Singh, S.M., Klein, D.N., & **Hayden, E.P.** (2014, September). *A longitudinal investigation of predictors of the stability of behavioural inhibition in early childhood*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.
 27. Kotelnikova, Y., Mackrell, S.V.M., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2014, September). *The serotonin transporter gene and stress interact to predict children's attentional biases for positive stimuli*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.
 28. Kryski, K.R., Dougherty, L.R., Sheikh, H.I., Singh, S.M., Klein, D.N., & **Hayden, E.P.** (2014, September). *Maternal depression and cortisol reactivity in early childhood: longitudinal associations with child symptoms. a multi-site study*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.
 29. Mackrell, S. V. M., Kotelnikova, Y., Jordan, P. L., & **Hayden, E. P.** (2014, September). *Pubertal status moderates associations between depression risks and children's depressive symptoms*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.
 30. Ouellette, S.J., Russell, E., Kryski, K.R., Sheikh, H.I., Singh, S.M., Koren, G., & **Hayden, E.P.** (2014, September). *Hair cortisol concentrations in low- and high-stress mother-daughter dyads: A pilot study of associations and moderators*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.
 31. Kryski, K. R., Smith, H. J., & **Hayden, E. P.** (2013, September). *Temperamental emotionality and effortful control in preschool-aged children: Associations with parental depression*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Oakland, CA.
 32. Kotelnikova, Y., Vernon, P.A., Clark, L.A., & **Hayden, E.P.** (2013, September). *Initial Validation of the Schedule for Nonadaptive and Adaptive Personality Brief Self Rating Form (SNAP-BSRF)*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Oakland, CA.

33. **Hayden, E.P.**, Joannis, M., & Singh, S.M. (2013, June). *Sex-specific pathways to depression: Biological indices of stress-sensitivity in preschool-aged girls*. Talk presented at the annual meeting of the International Society for Research on Child and Adolescent Psychopathology, Leuven, Belgium.
34. Sheikh, H.I., Kryski, K.R., Smith, H.J., Tolep, M.R., Smith, V.C., Dougherty, L.R., **Hayden, E.P.**, & Singh, S.M. (2013, May) *Pathways between Glucagon-like peptide-1 receptor gene polymorphisms (Leu260Phe) and internalizing symptoms in early childhood: The roles of HPA axis reactivity and early life stress*. Poster presented at the annual meeting of the Society of Biological Psychiatry, San Francisco, CA.
35. Mackrell, S.V.M., Sheikh, H.I., Kotelnikova, Y., Jordan, P.L., Singh, S.M., & **Hayden, E.P.** (2013, April). *Child temperament and parental history of internalizing disorders: Associations with HPA axis reactivity in middle childhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
36. Kryski, K.R., Smith, H.J., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2013, April). *Child oxytocin receptor (OXTR) genotype and observed parenting behavior: Mediation by negative child behavior*. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
37. Kotelnikova, Y., Olino, T.M., Kryski, K.R., Smith, H.J., **Hayden, E.P.**, & Klein, D.N. (2013, April). *Revising the Children's Behavior Questionnaire (CBQ): Item-response and factor analyses*. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.
38. **Hayden, E.P.**, Kryski, K.R., Smith, H.J., Sheikh, H.I., & Singh, S.M. (2012, October). *Biological and contextual risks in early-emerging depression vulnerability*. Talk presented at the annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
39. Kryski, K.R., Smith, H.J., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2012, October). *Life stress and parenting: Associations with HPA axis reactivity in early childhood*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
40. Kotelnikova, Y., Mackrell, S.V.M., Jordan, P.L., & **Hayden, E.P.** (2012, October). *Effortful control and cognitive vulnerability to depression in middle childhood: A multimethod, longitudinal study*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
41. Mackrell, S.V.M., Sheikh, H.I., Singh, S.M., Kryski, K.R., & **Hayden, E.P.** (2012, October). *Cognitive vulnerability and stressful life events predicting HPA*

- axis reactivity in middle childhood*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
42. **Hayden, E.P.** (2012, May). Genetic and contextual interplay in emerging child depression risk. In H. Berenbaum, (Chair), *Gene-environment interactions*. Featured, invited symposium conducted at the annual meeting of the Association for Psychological Science, Chicago, IL.
 43. Sheikh, H.I., Kryski, K.R., Smith, H.J., **Hayden, E.P.**, & Singh, S.M. (2012, May). *Genetic variants of the corticotropin-releasing hormone system related genes are associated with HPA axis reactivity in early-childhood*. Talk presented at the 67th annual meeting of the Society of Biological Psychiatry, Philadelphia, PA.
 44. **Hayden, E.P.** (2012, March). Biological and contextual interplay in the developmental psychopathology of depression. *Psychology distinguished lecturer series*. Colloquium given to the Department of Psychology, Queen's University, Kingston, ON.
 45. Kryski, K.R., Smith, H.J., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2012, March). *Maternal depression and parenting: associations with HPA axis reactivity in early childhood*. Poster presented at the annual meeting of the American Psychopathological Association, New York, NY.
 46. Sheikh, H.I., Kryski, K.R., Smith, H.J., **Hayden, E.P.**, & Singh, S.M. (2012, March). *Genetic variants of the corticotropin-releasing hormone system related genes are associated with HPA axis reactivity in early-childhood*. Poster presented at the annual meeting of the American Psychopathological Association, New York, NY.
 47. Sheikh, H.I., Kryski, K.R., Smith, H.J., **Hayden, E.P.**, & Singh, S.M. (2011, October). *An investigation of neurogenetic correlates of early-age physiological stress response and its link to early emerging psychopathological risk: A prospective study*. Poster presented at the 12th International Congress of Human Genetics, Montreal, QC.
 48. Kryski, K.R., Dougherty, L.R., Sheikh, H.I., Dyson, M.W., Olino, T.M., Laptook, R.S., **Hayden, E.P.**, Singh, S.M., & Klein, D.N. (2011, September). DRD4 genotype, child effortful control, and parenting style: Associations with HPA axis reactivity in early childhood. In E. Fox, (Chair), *Attention control and anxiety: Integrating electrophysiological, cognitive, and genetic approaches*. Symposium conducted at the annual meeting of the Society for Psychophysiological Research, Boston, MA.
 49. Hanna, B., Sheikh, H.I., Laptook, R.S., Kim, J., **Hayden, E.P.**, Singh, S.M., & Klein, D.N. (2011, September). *Associations between DAT1, parent-child*

- interactions, and child negative emotionality.* Poster presented at the 25th annual meeting of the Society for Research in Psychopathology, Boston, MA.
50. Sheikh, H.I., **Hayden, E.P.**, Dougherty, L.R., Lupton, R.S., Olino, T.M., Klein, D.N., & Singh, S.M. (2011, June). *Associations between COMT gene functional polymorphism and early-childhood internalizing symptoms: Evidence for mediation by child temperament.* Poster presented at the 41st annual meeting of the Behavior Genetics Association, Newport, RI.
 51. Kotelnikova, Y., Veselka, L., Aitken Schermer, J., **Hayden, E.P.**, & Vernon, P.A. (2011, June). *Non-adaptive personality traits and the Dark Triad: An investigation into the relationship between the two domains.* Poster presented at the 72nd annual convention of the Canadian Psychological Association, Toronto, ON.
 52. Kotelnikova, Y., Mackrell, S.V.M., Veselka, L., Aitken Schermer, J., **Hayden, E.P.**, & Vernon, P.A. (2011, June). *Non-adaptive personality traits and the Dark Triad: A behaviour genetic investigation into the relationship between the two domains.* Poster presented at the 41st annual meeting of the Behaviour Genetics Association, Newport, RI.
 53. Kotelnikova, Y., Mackrell, S.V.M., Jordan, P.L., & **Hayden, E.P.** (2011, May). *Temperament traits as predictors of change in internalizing problems in middle childhood.* Poster presented at the annual convention of the Association for Psychological Science. Washington, DC.
 54. Quinn, M., Tolep, M.R., Smith, V., Condit, C., **Hayden, E.P.**, & Dougherty, L.R. (2011, May). *Negative cognitive styles and cortisol reactivity in preschoolers: Investigating mechanisms of risk for depression.* Poster presented at the annual convention of the Association for Psychological Science. Washington, DC.
 55. Kryski, K.R., Sheikh, H.I., Smith, H.J., Singh, S.M., & **Hayden, E.P.** (2011, April). *Child BDNF genotype and parenting style: Associations with HPA axis reactivity in early childhood.* Poster presented at the annual meeting of the Society for Research on Child Development, Montreal, QC.
 56. Smith, H.J., Dyson, M.W., Olino, T.M., Lupton, R.S., Singh, S.M., **Hayden, E.P.**, & Klein, D.N. (2011, April). *Genetic and contextual determinants of early-emerging effortful control.* Poster presented at the annual meeting of the Society for Research on Child Development, Montreal, QC.
 57. Mackrell, S.V.M., Jordan, P.L., Sheikh, H.I., Singh, S.M., & **Hayden, E.P.** (2011, April). *Longitudinal associations between temperament, social adjustment and internalizing disorders risk in middle childhood.* Poster presented at the annual meeting of the Society for Research on Child Development, Montreal, QC.

58. **Hayden, E.P., Sheikh, H.I., Katsiroumbas, P., Jordan, P.L., Singh, S.M., Olino, T.M., & Klein, D.N.** (2010, November). Early-emerging depressogenic information processing: Stability across time and associations with childhood individual differences and early contextual factors. In J.W. Pettit, D.M. Bagner, (Chairs), *The impact of parental depression on child behavior: Timing effects, mechanisms, and moderators of risk*. Symposium conducted at the annual meeting of the Association for Cognitive and Behavior Therapies, San Francisco, CA.
59. **Sheikh, H.I., Dougherty, L.R., Hayden, E.P., Klein, D.N., & Singh, S.M.** (2010, June). *Glucagon-like peptide-1 receptor gene polymorphism (Leu260Phe) is associated with morning cortisol in preschoolers*. Talk given at the annual meeting of the Genetics Society of Canada, Hamilton, ON.
60. **Hayden, E.P.** (2010, May). Chair, *Pathways and Process in Developmental Psychopathology: Perspectives from Early Career Investigators*. Symposium conducted at the annual meeting of the Association for Psychological Science, Boston, MA.
61. **Kryski, K.R.U., Smith, H.J., Sheikh, H.I., Hayden, E.P., & Singh, S.M.** (2010, May). *HPA axis reactivity patterns and internalizing and externalizing symptoms in early childhood*. Poster presented at the annual meeting of the Association for Psychological Science, Boston, MA.
62. **Hayden, E.P.** (2009, December). Developmental psychopathology of depression: Emotional styles, pathways, and genetic bases. *2009-2010 colloquium series*. Invited talk given to the Department of Psychology at the University of Kansas, Lawrence, KY.
63. **Hayden, E.P.** (2009, November). Genetic and contextual interplay in early-emerging pathways to depression. In J.W. Pettit, S. Goodman, (Chairs), *Contextual vulnerabilities to depression: Developmental perspectives from childhood through emerging adulthood*. Symposium conducted at the annual meeting of the Association for Cognitive and Behavior Therapies, New York, NY.
64. **Hayden, E.P.** (2009, September). Developmental psychopathology of depression. *2009-2010 colloquium series*. Invited talk given to the Department of Psychology at the University of Guelph, Guelph, ON.
65. **Jordan, P.L., Schalet, B.D., Durbin, C.E., & Hayden, E.P.** (2008, September). *Concurrent and longitudinal relations between personality and mood and anxiety: A multi-method approach*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Pittsburgh, PA.
66. **Schalet, B.D., Jordan, P.L., Durbin, C.E., & Hayden, E.P.** (2008, September) *Depression is associated with discrepancies between self- and observer-reports of*

- personality traits*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Pittsburgh, PA.
67. Schalet, B.D., Durbin, C.E., **Hayden, E.P.**, Mendelsohn, K.A., & Jordan, P.L. (2007, October). *Self- and observer-reports of personality: Associations with internalizing psychopathology*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.
 68. **Hayden, E.P.**, Dougherty, L.R., Olino, T.M., Durbin, C.E., Dyson, M., Sheikh, H.I., Singh, S.M., & Klein, D.N. (2007, October). *Gene-environment interplay in child temperament and the early home environment*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.
 69. Jordan, P.L., **Hayden, E.P.**, & Dozois, D.J.A. (2007, October). *Individual differences in information processing in childhood: Coherence among measures and relations to child temperament*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.
 70. **Hayden, E.P.**, Shankman, S.A., Olino, T.M., Tenke, C.E., & Bruder, G.E. (2007, July). *Cognitive and temperamental vulnerability to depression: Longitudinal associations with regional cortical activity*. Poster presented at the annual meeting of the World Congress on Cognitive and Behavioral Therapy, Barcelona, Spain.
 71. Podnar, D., **Hayden, E.**, & Martin, R. (2007, June). *Humour Styles Questionnaire, personality and temperament*. Poster presented at the annual conference for the International Society for Humor Studies, Newport, RI.
 72. **Hayden, E.P.** (2006, May). Temperamental origins of cognitive vulnerability to depression. In E. Durbin, (Chair), *Developmental psychopathology of internalizing disorders*. Featured, invited symposium conducted at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
 73. **Hayden, E.P.**, Maloney, B., Dougherty, L.R., Durbin, C.E., Olino, T.M., Lahiri, D., Nurnberger, J.I. & Klein, D.N. (2005, October). *Associations between polymorphisms of the promoter region in the serotonin transporter gene and child temperament*. Poster presented at the 13th annual meeting of the World Congress on Psychiatric Genetics, Boston, MA.
 74. **Hayden, E.P.**, Dougherty, L.R., Maloney, B., Durbin, C.E., Olino, T.M., Lahiri, D., Nurnberger, J.I. & Klein, D.N. (2005, October). *Associations between a polymorphism in the serotonin transporter gene and multiple measures of child temperament*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Miami, FL.

75. **Hayden, E.P.** (2005, June). Temperament and risk for depressive disorders. Invited colloquium given at Indiana University-Bloomington, Bloomington, IN.
76. Laptook, R.S., Olino, T.M., Dougherty, L.R., Klein, D.N., Buckley, M.E., Durbin, C.E., & **Hayden, E.P.** (2005, April). *Validation of a laboratory assessment of temperament and behavior in preschool-age children*. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
77. Olino, T.M., Klein, D.N., Durbin, C.E., & **Hayden, E.P.** (2005, April). *Structure of positive affect in preschool aged children*. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
78. **Hayden, E.P.**, Hetrick, W.P., O'Donnell, B.F., Shekhar, A., Nurnberger, J.I., Vohs, J., & Bismark, A. (2003, October). *An examination of the convergent validity of questionnaire measures, behavioral tasks, and EEG indices of the behavioral activation system in a sample of patients with bipolar disorder*. Poster presented at the 18th annual meeting of the Society for Research in Psychopathology, Toronto, ON.
79. Olino, T.M., Durbin, C.E., **Hayden, E.P.**, Wang, Q., & Klein, D.N. (2003, April). *Emotion recognition and affect in children*. Poster presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
80. Shankman, S.A., Tenke, C.E., Bruder, G.E., Durbin, C.E., **Hayden, E.P.**, Buckley, M.E., & Klein, D.N. (2002, September). *The relationship between EEG asymmetry and positive emotionality in young children*. Poster presented at the 17th annual meeting of the Society for Research in Psychopathology, San Francisco, CA.
81. **Hayden, E.P.**, Durbin, C.E., Buckley, M.E., & Klein, D.N. (2000, June). *Convergent validity between parent report and laboratory measures of child temperament*. Poster presented at the 12th annual meeting of the American Psychological Society, Miami Beach, FL.
82. Buckley, M.E., Klein, D.N., Durbin, C.E., **Hayden, E.P.**, & Moerk, K.C. (2000, June). *Development and validation of a Q-sort procedure to assess personality and adjustment in preschoolers*. Poster presented at the 12th annual meeting of the American Psychological Society, Miami Beach, FL.

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