

Curriculum Vitae: PAUL D. HASTINGS, Ph.D.

Biographical Information

Name

Paul D. Hastings, Ph.D.

July 2012+

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July 2011+

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June 2009+

Adjunct Associate Professor
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Employment History

July 2009 – June 2011 +

Associate Professor
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March 2008 – June 2009

Research Associate Professor
Department of Psychology, University of California Davis
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July 2005 – May 2009

Associate Professor
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July 2000 - July 2005

Assistant Professor
Department of Psychology, Concordia University
7141 rue Sherbrooke Ouest; Montreal, QC H4B 1R6

September 1996 – December 2000

Visiting Foreign Fellow
Section on Developmental Psychopathology; Chief: Dr. Carolyn Zahn-Waxler
National Institute of Mental Health, National Institutes of Health
5413 W. Cedar Lane MSC 2606; Bethesda, MD 20892-2606

July 1994 – August 1996

Post-doctoral fellow and Visiting Assistant Professor
Children, Families, and Relationship Laboratory; Supervisor: Dr. Kenneth Rubin
Department of Psychology, University of Waterloo
200 University Avenue West; Waterloo, ON N2L 3G1

Academic Background

University of Toronto, Department of Psychology

Doctor of Philosophy, Applied Developmental Psychology (1995)

Dissertation: Parenting goals as organization cognitions: The determinants and function of parents' intentions. **Defended:** June 17, 1994

Supervisor: Joan E. Grusec, Ph.D.

Masters of Arts, Experimental Psychology (1991)

Thesis: Conflict outcome as a function of accuracy of perceiving a partner's thoughts and feelings during parent-adolescent conflicts.

Supervisor: Joan E. Grusec, Ph.D.

McGill University, Faculty of Science

Bachelor of Science, Distinction 1989

Research

Publications (* indicates student co-author)

Articles in Peer-Reviewed Journals

- 47 Marceau, K., Ruttle, P., Shirtcliff, E. A., **Hastings, P. D.**, Klimes-Dougan, B., & Zahn-Waxler, C. (in press). Within-person coupling of changes in cortisol, testosterone, and DHEA across the day in adolescents. *Developmental Psychobiology*.
- 46 Klimes-Dougan, B., Pearson, T. E., **Hastings, P. D.**, Jappe, L., Matheson, L., & * Simard, M. R. (in press). Adolescent emotion socialization: A longitudinal investigation of friends' responses to negative emotions. *Social Development*.
- 45 * Utendale, W. T., * Nuselovici, J. N., * Saint-Pierre, A. B., * Hubert, M., & **Hastings, P. D.** (2013). Associations between inhibitory control, respiratory sinus arrhythmia and externalizing problems in early childhood. *Developmental Psychobiology*. DOI 10.1002/dev.21136
- 44 * McShane, K., Smylie, J. K., **Hastings, P. D.**, Prince C., Tungasuvvingat Inuit Family Health Team, & Siedule, C. (2013). Evaluation of the acceptability of a CD-Rom as a health promotion tool for Inuit in Ottawa. *International Journal of Circumpolar Health*, 72, 20573. <http://dx.doi.org/10.3402/ijch.v72i0.20573>

- 43 Van Hulle, C., Zahn-Waxler, C., Robinson, J. L., Rhee, S. H., **Hastings, P. D.**, & Knafo, A. (2013). Autonomic correlates of children's concern and disregard for others. *Social Neuroscience*. <http://dx.doi.org/10.1080/17470919.2013.791342>
- 42 * Miller, J. G., Choccol, C., * Nuselovici, J. N., * Utendale, W. T., * Simard, M., & **Hastings, P. D.** (2013). Children's dynamic RSA change during anger and its relations to parenting, temperament, and control of aggression. *Biological Psychology*, *92*, 417-425.
- 41 Calhoun, C. D., Franklin, J. C., Adelman, C. B., Guerry, J. D., **Hastings, P. D.**, Nock, M. K., & Prinstein, M. J. (2012). Biological and cognitive responses to an in vivo interpersonal stressor: Longitudinal associations with adolescent depression. *International Journal of Cognitive Therapy*, *5*, 283-299. doi: 10.1521/ijct.2012.5.3.283
- 40 Allison, A. L., Peres, J. C., Boettger, C., Leonbacher, U., **Hastings, P. D.**, & Shirtcliff, E. A. (2012). Fight, flight, or fall: Autonomic nervous system reactivity during skydiving. *Personality and Individual Differences*, *53*, 218-223. <http://dx.doi.org/10.1016/j.paid.2012.03.019>
- 39 Mills, R.S.L., **Hastings, P.D.**, Serbin, L.A., Etezadi, J., Stack, D.M., Schwartzman, A. E., Li, H-H., & Helm, J. (2012). Temperamental, parental and contextual contributors to early-emerging internalizing problems: A new integrative analysis approach. *Social Development*, *21*, 239-253. DOI: 10.1111/j.1467-9507.2011.00629.x
- 38 Temcheff, C. E., Serbin, L. A., Martin-Storey, A., Stack, D. M., **Hastings, P. D.**, Ledingham, J., & Schwartzman, A. (2011). Childhood aggression, withdrawal, and likeability, and the use of health care later: A longitudinal study. *Canadian Medical Association Journal*, *183*, 2095-2101. PMID: 22083681
- 37 **Hastings, P. D.**, Ruttle, P., Serbin, L. A., Mills, R. S. L., Stack, D.M., & Schwartzman, A.E. . (2011). Adrenocortical stress reactivity and regulation in preschoolers: Relations with parenting, temperament, and psychopathology. *Developmental Psychobiology*, *53*, 694-710. DOI: 10.1002/dev.20545
- 36 Guerry, J. D., & **Hastings, P. D.** (2011). In search of HPA axis dysregulation in child and adolescent depression. *Clinical Child and Family Psychology Review*, *14*, 135-160. DOI: 10.1007/s10567-011-0084-5
- 35 **Hastings, P. D.**, Shirtcliff, E. A., Klimes-Dougan, B., Allison, A. L., DeRose, L., Kendziora, K. T., Usher, B. A., & Zahn-Waxler, C. (2011). Allostasis and the development of internalizing and externalizing problems: Changing relations with physiological systems across adolescence. *Development & Psychopathology*, *23*, 1149-1165. DOI: 10.1017/S095457941000538
- 34 * Utendale, W.T., * Hubert, M., * Saint-Pierre, A. B., & **Hastings, P. D.** (2011). Neurocognitive development and aggression: The role of inhibitory control deficits from 4 to 6 years. *Aggressive Behavior*, *37*, 476-488. DOI: 10.1002/ab.20403
- 33 * Utendale, W. T., & **Hastings, P. D.** (2011). Developmental changes in the relations between inhibitory control and externalizing problems during early childhood. *Infant & Child Development*, *20*, 181-193. DOI:10.1002/icd.691
- 32 Bayer, J. K., **Hastings, P. D.**, Sanson, A. V., Ukoumunne, O. C., & Rubin, K. H. (2010). Predicting mid-childhood internalising symptoms: A longitudinal community sample. *International Journal of Mental Health Promotion*, *12*, 5-17.

- 31 * McShane, K. E., **Hastings, P. D.**, Smylie, J. K., Prince, C., & Tungasuvvingat Inuit Family Resource Centre. (2009). Examining evidence for autonomy and relatedness in urban Inuit parenting. *Culture and Psychology, 15*, 411-431.
- 30 Natsuaki, M. N., Klimes-Dougan, B., Ge, X., Shirtcliff, E. A., **Hastings, P. D.**, Zahn-Waxler, C. (2009). Early pubertal maturation and internalizing problems: Sex differences in the role of cortisol reactivity to interpersonal stress. *Journal of Clinical Child and Adolescent Psychology, 38*, 513-524.
- 29 **Hastings, P. D.**, * Nuselovici, J.N., Klimes-Dougan, B., Kendziora, K. T., Usher, B. A., Ho, M-h. R., & Zahn-Waxler, C. (2009). Dysregulated coherence of subjective and cardiac emotional activation in adolescents with internalizing and externalizing problems. *Journal of Child Psychology & Psychiatry, 50*, 1348-1356.
- 28 * McShane, K. E., & **Hastings, P. D.** (2009). The New Friends Vignettes: Measuring parental psychological control that confers risk for anxious adjustment in preschoolers. *International Journal of Behavioral Development, 33*, 481-495.
- 27 **Hastings, P. D.**, Fortier, I., * Utendale, W. T., Simard, L., & Robaey, P., (2009). Adrenocortical functioning in boys with attention-deficit/hyperactivity disorder: Examining subtypes of ADHD and associated comorbid conditions. *Journal of Abnormal Child Psychology, 37*, 565-578.
- 26 **Hastings, P. D.**, * Nuselovici, J. N., * Utendale, W. T., * Coutya, J., * McShane, K. E., & * Sullivan, C. (2008). Applying the polyvagal theory to children's emotion regulation: Social context, socialization, and adjustment. *Biological Psychology, 79*, 299-306.
- 25 **Hastings, P. D.**, & * De, I. (2008). Parasympathetic regulation and parental socialization of emotion: Biopsychosocial processes of adjustment in preschoolers. *Social Development, 17*, 211-238.
- 24 **Hastings, P. D.**, * Sullivan, C., * McShane, K. E., Coplan, R. J., * Utendale, W. T., & Vyncke, J. D. (2008). Parental socialization, vagal regulation and preschoolers' anxious difficulties: Direct mothers and moderated fathers. *Child Development, 79*, 45-64.
- 23 **Hastings, P. D.**, * McShane, K. E., Parker, R., & Ladha, F. (2007). Ready to make nice: Parental socialization of young sons' and daughters' prosocial behaviors with peers. *Journal of Genetic Psychology, 168*, 177-200.
- 22 **Hastings, P. D.**, Zahn-Waxler, C., & Usher, B. A. (2007). Cardiovascular and affective reactions to social stress in adolescents with internalizing and externalizing problems. *International Journal of Behavioral Development, 31*, 1-11.
- 21 Klimes-Dougan, B., Brand, A. E., Zahn-Waxler, C., Usher, B. A., **Hastings, P. D.**, Kendziora, K., & Garside, R. B. (2007). Parental emotion socialization in adolescence: Sex, age, and problem status. *Social Development, 16*, 326-342.
- 20 * McShane, K. E., Smylie, J. K., **Hastings, P. D.**, & Martin, C. M., & Tungasuvvingat Inuit (2006). Guiding health promotion efforts with urban Inuit: A community-specific model of health information sources and dissemination strategies. *Canadian Journal of Public Health, 97*, 296-299.
- 19 Rubin, K. H., Hemphill, S. A., Chen, X., **Hastings, P. D.**, Sanson, A., Lo Coco, A., Chung, O. B., Park, S-Y., Zappulla, C., Chen, H., Yoon, C-H., Doh, H.S., Cui, L., & Sun, L. (2006). A cross-cultural study of behavioral inhibitions in toddlers: East-west-north-south. *International Journal of Behavioral Development, 30*, 219-226.

- 18 **Hastings, P. D.**, Rubin, K. H., & DeRose, L. (2005). The links between gender, inhibition, parental socialization, and the development of prosocial behavior. *Merrill-Palmer Quarterly*, *51*, 501-527.
- 17 * McShane, K., & **Hastings, P.D.** (2004). Culturally-sensitive approaches to research on child development and family practices in First People communities. *First Peoples Child & Families Review*, *1*, 33-48.
- 16 Kennedy, A. E., Rubin, K. H., **Hastings, P. D.**, & Maisel, B. (2004). Longitudinal relations between child vagal tone and parenting behavior: 2 to 4 years. *Developmental Psychobiology*, *45*, 10-21.
- 15 Rubin, K. H., Burgess, K. B., Dwyer, K. M. & **Hastings, P. D.** (2003). Predicting preschoolers' externalizing behaviors from toddler temperament, conflict, and maternal negativity. *Developmental Psychology*, *39*, 164-176.
- 14 Granger, D. A., Shirtcliff, E. A., Zahn-Waxler, C., Usher, B. A., Klimes-Dougan, B. & **Hastings, P. D.** (2003). Adolescent internalizing and externalizing behavior problems predict inter-individual differences in testosterone diurnal variation. *Developmental and Psychopathology*, *15*, 431-459.
- 13 Coplan, R. J., **Hastings, P. D.**, Lagace-Seguin, D., & Moulton, C. E. (2002). Authoritative and authoritarian mothers' parenting goals, attributions, and emotions across different childrearing contexts. *Parenting: Science and Practice*, *2*, 1-26.
- 12 Rubin, K. H., Burgess, K. B., & **Hastings, P. D.** (2002). Stability and social-behavioral consequences of toddler's inhibited temperament and parenting. *Child Development*, *73*, 483-495.
- 11 Klimes-Dougan, B., **Hastings, P. D.**, Granger, D. A., & Zahn-Waxler, C. (2001). Adrenocorticol activity in at-risk and normally developing adolescents: Individual difference in salivary cortisol response to social challenge, basal levels, and diurnal variations. *Development and Psychopathology*, *13*, 695-719.
- 10 **Hastings, P. D.**, Zahn-Waxler, C., Robinson, J., Usher, B., & Bridges, D. (2000). The development of concern for others in children with behavior problems. *Developmental Psychology*, *36*, 531-546.
- 9 **Hastings, P. D.**, & Coplan, R. J. (1999). Conceptual and empirical links between children's social spheres: Relating maternal beliefs and preschoolers' behavior with peers. In **P. D. Hastings** & C. C. Piotrowski (Eds.), *Conflict as a context for understanding maternal beliefs about child-rearing and children's misbehavior*. *New Directions in Child and Adolescent Development*, *86*, 43-59.
- 8 **Hastings, P. D.**, & Rubin, K. H. (1999). Predicting mothers' beliefs about preschool-aged children's social behavior: Evidence for maternal attitudes moderating child effects. *Child Development*, *70*, 722-741.
- 7 Rubin, K. H., Nelson, L. J., **Hastings, P. D.**, & Asendorpf, J. (1999). The transaction between parents' perceptions of their children's shyness and their parenting styles. *International Journal of Behavioral Development*, *23*, 937-957.
- 6 **Hastings, P. D.**, & Grusec, J. E. (1998). Parenting goals as organizers of response to parent-child disagreement. *Developmental Psychology*, *34*, 465-479.
- 5 Chen, X., **Hastings, P. D.**, Rubin, K. H., Chen, H., Cen, G., & Stewart, S. L. (1998). Child-rearing attitudes and behavioral inhibitions in Chinese and Canadian Toddlers: A cross-cultural study. *Developmental Psychology*, *34*, 677-686.

- 4 Rubin, K. H., **Hastings, P. D.**, Chen, X., Stewart, S. L., & McNichol, K. (1998). Intrapersonal and maternal correlates of aggression, conflict and externalizing problems in toddlers. *Child Development*, 69, 1614-1630.
- 3 **Hastings, P. D.**, & Grusec, J. E. (1997). Conflict outcome as a function of parental accuracy in perceiving child cognitions and affect. *Social Development*, 6, 76-90.
- 2 Rubin, K. H., **Hastings, P. D.**, Stewart, S. L., Henderson, H. A., & Chen, X. (1997). The consistency and concomitants of inhibition: Some of the children, all of the time. *Child Development*, 68, 467-483.
- 1 Grusec, J. E., **Hastings, P. D.**, Mammone, N. (1994). Parenting cognitions and relationship schemas. In J. Smetana (Eds.), *Beliefs about parenting: Origins and developmental implications. New Directions in Child Development, Vol. 66* (pp. 5-19). San Francisco: Jossey-Bass.

Chapters

- 24 * Kahle, S., & **Hastings, P. D.** (In Press). The neurobiology and physiology of emotions: A developmental perspective. In R. Scott & S. Kosslyn (Eds.), *Emerging Trends in the Social and Behavioral Sciences*. Wiley.
- 23 **Hastings, P. D.**, * Kahle, S., & * Han, H-S. G. (In Press). Developmental affective psychophysiology: Using physiology to inform our understanding of emotional development. In K. Lagatutta (Ed.), *Children and emotion: New insights into developmental affective science*. Karger.
- 22 **Hastings, P. D.**, & * Miller, J. G. (In Press). Autonomic regulation, Polyvagal Theory, and children's prosocial development. In L. Padilla-Walker & G. Carlo (Eds.), *The complexities of raising prosocial children*. Oxford University Press.
- 21 **Hastings, P. D.**, * Miller, J. G., * Kahle, S., & Zahn-Waxler, C. (In Press). The neurobiological basis of empathic concern for others. In M. Killen & J. Smetana (Eds.) *Handbook of moral development, 2nd Ed.* Lawrence Erlbaum Assc., Inc.
- 20 **Hastings, P. D.**, & Guyer, A. E. (In Press). The physiological underpinnings of child psychopathology. In B. H. Schneider (Ed.), *Child psychopathology*. Cambridge University Press.
- 19 Scheib, J. E. & **Hastings, P. D.** (2012). Donor-conceived children raised by lesbian couples. In D. Cutas & S. Chan (Eds.), *Families – Beyond the nuclear ideal* (pp. 64-83). London: Bloomsbury Academic.
<http://www.bloomsburyacademic.com/view/Families-Beyond-the-Nuclear-Ideal/book-ba-9781780930114.xml>
- 18 Root, A. E., **Hastings, P. D.**, & Maxwell, K. L. (2012). Environmental contributions to the development of social competence: Focus on parents. In V. Anderson & M. Beauchamp (Eds.), *Developmental social neuroscience and childhood brain insult: Implications for theory and practice* (pp. 91-115). NY: Guilford Press.
- 17 Dennis, T. A., Buss, K. A., & **Hastings, P. D.** (2012). Introduction to the monograph: Physiological measures of emotion from a developmental perspective: State of the science. In T. A. Dennis, K. A. Buss, & **P. D. Hastings** (Eds.), *Physiological measures of emotion from a developmental perspective: State of the science. Monographs of the SRCD, 77(2), Serial No. 303*, 1-5.
- 16 **Hastings, P. D.**, Buss, K. A., & Dennis, T. A. (2012). Introduction to Section One: Integrative approaches to the study of physiology and emotion. In T. A. Dennis, K. A.

- Buss, & **P. D. Hastings** (Eds.), Physiological measures of emotion from a developmental perspective: State of the science. *Monographs of the SRCD*, 77(2), Serial No. 303, 6-7.
- 15 **Hastings, P. D.**, Buss, K. A., & Dennis, T. A. (2012). Introduction to Section Two: Socialization and environmental factors in the physiology of emotions. In T. A. Dennis, K. A. Buss, & **P. D. Hastings** (Eds.), Physiological measures of emotion from a developmental perspective: State of the science. *Monographs of the SRCD*, 77(2), Serial No. 303, 39-41.
 - 14 Buss, K. A., **Hastings, P. D.**, & Dennis, T. A. (2012). Introduction to Section Three: Physiology and affective psychopathology. In T. A. Dennis, K. A. Buss, & **P. D. Hastings** (Eds.), Physiological measures of emotion from a developmental perspective: State of the science. *Monographs of the SRCD*, 77(2), Serial No. 303, 67-68.
 - 13 Dennis, T. A., **Hastings, P. D.**, & Buss, K. A. (2012). Introduction to Section Four: Overarching issues and methodological considerations: What can physiological measures reveal about emotion? In T. A. Dennis, K. A. Buss, & **P. D. Hastings** (Eds.), Physiological measures of emotion from a developmental perspective: State of the science. *Monographs of the SRCD*, 77(2), Serial No. 303, 96-97.
 - 12 Grusec, J. E., **Hastings, P. D.**, & Almas, A. (2011). Helping and prosocial behavior. In C. Hart & P. Smith (Eds.), *Handbook of childhood social development*, 2nd ed (pp. 549-566). Malden, MA: Wiley-Blackwell.
 - 11 Scheib, J. E. & **Hastings, P. D.** (2010). Lesbian mothers and their donor-conceived children: Family processes, child development and long-term outcomes (English title). In D. Funcke & P. Thorne (Eds.), *Die gleichgeschlechtliche Familie mit Kindern – Interdisziplinäre Beiträge zu einer neuen Lebensform* (Homosexual families – Interdisciplinary perspectives) (pp. 285-318). Bielefeld, Germany: transcript Verlag.
 - 10 **Hastings, P. D.**, * Nuselovici, J. N., Rubin, K. H., & Cheah, C. S. L. (2010). Shyness, parenting and parent-child relationships. In K. H. Rubin & R. J. Coplan (Eds.), *The development of shyness and social withdrawal* (pp. 107-130). NY: Guilford.
 - 9 Pariser, D., **Hastings, P. D.**, Kindler, & van den Berg, A. (2008). Children's drawings and children's temperament. What's the connection? In F. Gagnon-Bourget & P. Gosselin (Eds.), *Actes du colloque sur la recherche en enseignement des arts visuels, Montreal 2006*. CREA Editions, Montreal.
 - 8 **Hastings, P. D.**, & * Utendale, W. (2008). Il cuore del problema: la biologica dell'inibizione comportamentale e della timidezza (*English title: The heart of the matter: The biology of shyness and inhibition*). In A. LoCoco, K. Rubin, & C. Zappula (Eds.), *L'isolamento sociale durante l'infanzia* (pp. 27-56). Milano, Italia: Edizioni Unicopli.
 - 7 **Hastings, P. D.**, * Utendale, W., & * Sullivan, C. (2007). The socialization of prosocial development. In J. E. Grusec & **P. D. Hastings** (Editors). *Handbook of socialization* (pp. 638 – 664). NY: Guildford Press.
 - 6 Grusec, J. E., & **Hastings, P. D.** (2007). Introduction. In Grusec, J. E., & **Hastings, P. D.** (Editors). *Handbook of socialization* (pp. 1 - 9). NY: Guildford Press. (second edition released in paperback, 2008)

- 5 Patterson, C. J., & **Hastings, P. D.** (2007). Socialization in the context of family diversity. In Grusec, J. E., & **Hastings, P. D.** (Editors). *Handbook of socialization* (pp. 328 – 351). NY: Guilford Press.
- 4 * Benibgui, M., & **Hastings, P. D.** (2007). L’Influence de la physiologie du stress sur le bien-être des jeunes adultes gais, lesbiennes et bisexuels. (English title : The role of stress physiology in the well-being of gay, lesbian and bisexual young adults.) In D. Julien & J. J. Lévy (Eds.), *Homosexualités: Variations régionales* (pp. 115-138). Québec, QC: Presses de l’Université du Québec.
- 3 **Hastings, P. D.**, Zahn-Waxler, C., & * McShane, K. E. (2006). We are, by nature, moral creatures: Biological bases of concern for others. In M. Killen & J. Smetana (Eds.) *Handbook of moral development* (pp. 483 – 516). Lawrence Erlbaum Assoc., Inc.
- 2 Rubin, K. H., Hemphill, S. A., Chen, X., **Hastings, P. D.**, Sanson, A., LoCoco, A., Chung, O. B., Park, S-Y., Zappulla, C., Yoon, C-H., & Doh, H. S. (2006). Parenting beliefs and behaviors: Initial findings from the International Consortium for the Study of Social and Emotional Development (ICSSED). In K. H. Rubin & O. B. Chung (Eds.), *Parenting beliefs, behaviors, and parent-child relations* (pp. 81-103). NY: Psychology Press.
- 1 Zahn-Waxler, C., & **Hastings, P. D.** (1999). Development of empathy: Adaptive and maladaptive patterns. In W. van Haften, T. Wren, & A. Tellings (Eds.), *Moral sensibilities and education, Volume 1: The preschool child* (pp. 37-59). Bommel, The Netherlands: Concorde.

Books and Monographs

- 4 Dennis, T. A., Buss, K. A., & **Hastings, P. D.** (2012). Physiological measures of emotion from a developmental perspective: State of the science. *Monographs of the Society for Research in Child Development, 77(2), Serial No. 303*. Wiley.
- 3 Grusec, J. E., & **Hastings, P. D.** (2007). *Handbook of socialization*. NY, NY: Guilford Press.
- 2 **Hastings, P.D.**, Vyncke, J., * Sullivan, C., * McShane, K. E., * Benibgui, M., & * Utendale, W. (2006). Children’s development of social competence across family types. Ottawa, ON: Department of Justice Canada: Family, Children & Youth Section.
- 1 **Hastings, P. D.**, & Piotrowski, C. C. (Eds.) (1999). Conflict as a context for understanding maternal beliefs about child-rearing and children’s misbehavior. *New Directions for Child and Adolescent Development, Vol. 86*. San Francisco, CA: Jossey Bass.

Book Reviews

- 2 **Hastings, P. D.**, & * Nuselovici, J. (2006). Development and Psychopathology: A Vulnerability-Stress Perspective, by B. Haskin & J. Abela. *Canadian Psychology, 47*, 143-145.
- 1 Zahn-Waxler, C., & **Hastings, P. D.** (1999). Do Unto Others: The Evolution and Psychology of Unselfish Behavior, by E. Sober & D. S. Wilson. *Journal of Nervous and Mental Disease, 147*, 645-647.

Works in Progress

Submitted Empirical Articles

- Marceau, K. Shirlcliff, E.A., **Hastings, P.D.**, Klimes-Dougan, B., Zahn-Waxler, C., Susman, E.J., & Dorn, L.D. Within-adolescent coupled changes in cortisol with DHEA and testosterone in response to three stressors in adolescence. *Psychoneuroendocrinology* (revise & resubmit).
- Serbin, L. A., * Hubert, M., **Hastings, P. D.**, Stack, D. M., & Schwartzman, A. The influence of parenting on early childhood health and health care utilization. *Journal of Pediatric Psychology* (revise & resubmit).
- Hastings, P. D.**, * Kahle, S., & * Nuselovici, J. Maternal overprotection and weak parasympathetic regulation predict poor outcomes for socially wary children. *Child Development*. (revise & resubmit).
- Schwartzman, A. E., **Hastings, P. D.**, Serbin, L. A., Stack, D. M., Ledingham, J. E., & Bukowski, W. M. Psychiatric disorder in a three-generation time frame: Genetic liability, socioecological context, and childhood behavior antecedents. *Development and Psychopathology*. (revise & resubmit).
- Mills, R.S.L., **Hastings, P. D.**, Serbin, L. A., Stack, D. M., Abela, J. R. A., Arbeau, K. A., Lall, D. I. K. Depressogenic thinking and shame proneness in the development of internalizing problems. *Child Psychiatry and Human Development*. (under review).
- Giletta, M., Calhoun, C. **Hastings, P. D.**, Rudolph, K., Nock, M., & Prinstein, M. Multi-level risk factors for suicidal ideation among at-risk adolescent females: The role of hypothalamic-pituitary-adrenal axis responses to stress. *Journal of Abnormal Child Psychology*. (under review).
- Gosselin, M-P. M., Forman, D., & **Hastings, P.D.** Would you lie for me? Parenting predicts preschoolers' concealment of a parent's transgression. *Child Development*. (under review).
- Root, A. K., **Hastings, P. D.**, & Rubin, K. H. The moderating role of physiological regulation in the relation between maternal social anxiety and parenting behaviors. *Parenting: Science & Practice*. (under review).
- Hastings, P. D.**, Klimes-Dougan, B., Kendziora, K. T., Brand, A., & Zahn-Waxler, C. Multilevel emotional processes in the development of internalizing problems and symptoms. *Development and Psychopathology*. (under review).
- Calhoun, C. D.**, Helms, S. W., Heilborn, N., Rudolph, K. D., **Hastings, P. D.**, & Prinstein, M. J. Relational victimization, friendship, and adolescents' hypothalamic-pituitary-adrenal axis responses to in vivo stressor. *Development and Psychopathology*. (under review).

Chapters

- Hastings, P. D.**, * Miller, J. G., & * Troxel, N. The socialization of prosocial development. In J. E. Grusec & **P. D. Hastings** (Eds.), *Handbook of socialization*, 2nd Ed. NY: Guilford.

Books

- J. E. Grusec & **P. D. Hastings** (Eds.), *Handbook of socialization*, 2nd Ed. NY: Guilford.

Journals

Hastings, P. D. (Guest Editor). Biopsychosocial studies of the etiology and development of internalizing problems. Special section of the *Journal of Abnormal Child Psychology*.

Davidov, M., Knafo, A., Vaish, A., & **Hastings, P. D.** (Guest Editors). The motivational foundations of prosocial behavior : A developmental perspective. Special section of *Child Development*.

Conference Presentations: Past 5 years (older references available on request)

Papers

Society for Research in Child Development, April 2013, Seattle WA (6 papers)

- * Miller, J. G., * Nuselovici, J. M., Chochol, C., & **Hastings, P. D.** Dynamic parasympathetic regulation of sadness predicts the development of empathic concern over two years.
- * Miller, J. G., * Kahle, S. * Lopez, M., & **Hastings, P. D.** Altruism, physiology, and family socioeconomic status.
- * Kahle, S. * Lopez, M., * Miller, J. G., & **Hastings, P. D.** The role of autonomic recovery in the development of emotion regulation.
- Klimes-Dougan, B., **Hastings, P. D.**, * Han, G., & Cullen, K. R.. Disruptions in emotion regulation in adolescents: Multilevel perspectives on internalizing disorders.
- * Grady, J., * Carvalho, R. V., & **Hastings, P. D.** Inhibited children become competent peers: Parents' emotional language contributes to prosocial behaviors.
- * Grady, J., & **Hastings, P. D.** Parental and parasympathetic regulation of play and the development of preschoolers' sociability: Pathways to becoming a good peer.

Hastings, P. D. (September, 2012). Parasympathetic regulation and adjustment in early childhood: The increasing importance of affective context. *Society for Psychophysiological Research*, New Orleans LA.

International Society for the Study of Behavioral Development, July 2012, Edmonton AL (3 papers)

Hastings, P. D., Helm, J., Mills, R. S. L., Serbin, L. A., & Stack, D. M. Adverse socialization experiences predict the development of internalizing problems in preschoolers with high temperamental inhibition or elevated salivary cortisol levels.

McShane, K., & **Hastings, P. D.** Examining evidence for autonomy and relatedness in urban Inuit parenting.

Hastings, P. D. Is it good to be popular, or popular to be good? (Discussant for symposium: The intersection of social and emotional competencies in children's friendships and peer relationships.)

Society for Research in Child Development, April 2011, Montreal QC (5 papers)

- * Gosselin, M-P. M., Forman, D. R., & **Hastings, P. D.** What predicts children's disclosure of a parent's transgression? In symposium: Lie for me: What influences child concealment and disclosure of an adult's transgression? (Chair: M-P. M. Gosselin)

Hastings, P. D. Examining the relations between externalizing problems and empathic and prosocial behavior in 4 and 6 year-old children. In symposium:

Advancing the understanding of prosocial development: An international perspective. (chair: **P. D. Hastings**)

- Hastings, P. D.**, * Nuselovici, J. N., & * Loisel, C. Socialization and parasympathetic regulation predict later anxiety versus social competence in socially inhibited preschoolers. In symposium: Examining the physiology, social contexts, and consequences of temperamental inhibition and exuberance. (Chair: **P. D. Hastings**)
- Mathieson, L. C., Klimes-Dougan, B., Crick, N. R., **Hastings, P. D.**, * Simard, M. R., Brand, A. E., & Zahn-Waxler, C. The link between relational victimization by friends and internalizing problems: Does rumination play a role? In symposium: Helpful or harmful: How are friendship processes associated with internalizing problems in adolescents? (chair: L. C. Mathieson)
- * Miller, J. G., Chochol, C., & **Hastings, P. D.** Parenting moderates associations between child temperament and emotion physiology. In symposium: Multi-method approaches to the study of children's emotion regulation. (chair: J. A. Hubbard).
- Hastings, P. D.** (January, 2011). Mixed support for the biological sensitivity to context model in preschoolers. *Mortimer B. Sackler Winter Conference on Developmental Psychobiology*, Herradura, Costa Rica.
- Hastings, P. D.**, Schwartzman, A. E., Serbin, L. A., Stack, D. M., Tamblyn, R., Abrahamowicz, M., & Ledingham, J. (October 2010). Predicting the final developmental outcome: A prospective longitudinal examination of contextual, parental and personal predictors of early mortality. In symposium: Prospective lifespan and intergenerational examinations of the predictors of mental health, physical health, and death (Chair: **P. D. Hastings**). *Life History Society*, Montreal, QC.
- Serbin, L. A., Hubert, M., Stack, D. M., **Hastings, P. D.**, Tamblyn, R., Abrahamowicz, M., Ledingham, J., & Schwartzman, A. E. (October, 2010). Mothers' childhood aggression and withdrawal as predictors of offspring health: A 30-year prospective study. In symposium: Prospective lifespan and intergenerational examinations of the predictors of mental health, physical health, and death (Chair: **P. D. Hastings**). *Life History Society*, Montreal, QC.
- Schwartzman, A. E., Ledingham, J., Serbin, L. A., Stack, D. M., **Hastings, P. D.**, Hodgins, S., Tamblyn, R., & Abrahamowicz, M. (October, 2010). Schizophrenia and psychiatric status across three generations: A prospective study. In symposium: Prospective lifespan and intergenerational examinations of the predictors of mental health, physical health, and death (Chair: **P. D. Hastings**). *Life History Society*, Montreal, QC.
- DeRose, L., Klimes-Dougan, B., Shirtcliff, E., **Hastings, P. D.**, & Zahn-Waxler, C. (March, 2010). Stress reactivity across the adolescent transition. Paper presented at *Society for Research on Adolescence*, Philadelphia, PA.
- Hastings, P. D.** (April, 2009). Contexts of regulation: Putting specificity and time-course of affective physiology into place. In symposium: Physiological measures of emotion from a developmental perspective: State of the science (Chair: T. A. Dennis). *Society for Research in Child Development*, Denver, CO.

- Bayer, J., **Hastings, P.D.**, Sanson, A., & Rubin, K. H. (April, 2009). Predicting mid-childhood internalizing difficulties in the community: A longitudinal study. In symposium: The role of parents in the development of socially inhibited and withdrawn behavior: Evidence from three developmental periods (Chair: A. Kennedy Root). *Society for Research in Child Development*, Denver, CO.
- Marceau, K., Zahn-Waxler, C., Shirtcliff, E. A., **Hastings, P.D.**, & Klimes-Dougan, B. (April, 2009). Emotions as mediators of social relations and psychopathology in adolescence. In symposium: The role of emotions and gender in cross-time links between parent- and peer relationships and adolescent psychopathology (Chairs: A. Neumann, E.M.J.C. Gooren). *Society for Research in Child Development*, Denver, CO.
- Hastings, P.D.** (January, 2009). Polyvagal theory and the contexts of regulation. Paper presented at the *Annual Winter Conference on Current Issues in Developmental Psychobiology*, St. Croix, US Virgin Islands.
- Hastings, P. D.** (July, 2008). Discussant for symposium: Parental socialization of child self-regulation. *International Society for the Study of Behavioural Development (ISSBD)*. Wurzburg, Germany.
- Hastings, P. D.** (June, 2008). Chair and Discussant for symposium: Emotion socialization research in Canada: New studies of an emerging topic in developmental psychology. *Canadian Psychological Association*, Halifax, NS.
- * Simard, M., & **Hastings, P. D.** (June, 2008). Adolescent adjustment in relation to emotion socialization by peers. *Canadian Psychological Association*, Halifax, NS.
- Hastings, P. D.** (June, 2007). Chair and Discussant for symposium: Physiological, affective, cognitive, and behavioural functioning in children with early-emerging externalizing problems. *Canadian Psychological Association*, Ottawa, ON.
- Hastings, P. D.** (May, 2007). The context of parasympathetic regulation: Implications for biopsychosocial models of children's internalizing problems. In symposium: An individual differences approach to the study of child emotional regulation and competence (Chair: T. A. Dennis). *Association for Psychological Science*, Washington, DC.
- Hastings, P. D.**, * Utendale, W. T., * Sullivan, C., & * McShane, K. E., (March, 2007). Testing a biopsychosocial model of preschool-aged children's risk for social wariness and internalizing problems. In symposium: Shyness and social withdrawal in childhood: Risk/Protective factors and pathways to psychosocial maladjustment (Chairs: R. J. Coplan, C. Booth-LaForce). *Society for Research in Child Development*, Boston, MA.

Selected Posters from the past 5 years

- International Society for Research on Emotion*, August 2013, Berkeley CA (2 posters)
- * Miller, J. G., * Nuselovici, J. M., Chochol, C., & **Hastings, P. D.** Dynamic RSA during sadness predicts the development of empathy and callousness in children.
 - * Han, G., * Miller, J. G., Zahn-Waxler, C., & **Hastings, P. D.** Changes in externalizing problems from preschool to adolescent years: Longitudinal associations with hypothalamic-pituitary-adrenal axis activity during social anxiety.
- Society for Research in Child Development*, April 2013, Seattle WA (5 posters)

- * Kahle, S., * Grady, J., * Miller, J. G., & **Hastings, P. D.** Maternal emotion socialization predicts improvement on an affective inhibitory control task.
- * Troxel, N. R., Goodman, G., S., & **Hastings, P. D.** Perceptions and judgments of same-sex, juvenile-on-juvenile sexual offenses.
- * Troxel, N. R., * Yoshimura, J. N., * Lopez, M.; & **Hastings, P. D.** Attachment security and emotion understanding in preschool-aged children.
- * Carvalho, R. V., Seidl-de-Moura, M. L., * Grady, J., & **Hastings, P. D.** Empathic interactions between parents and children in Rio de Janeiro, Brazil: an exploratory study
- Feldstein, J., Stack, D. M., Serbin, L. A., **Hastings, P. D.**, Mills, R. S. L., & Schwartzman, A. E. Early-emerging behavior problems and parenting in early childhood: A longitudinal investigation of school and social adjustment. *Society for Psychophysiological Research*, September 2012, New Orleans LA (2 posters).
- Allison, A. L., Peres, J. C., Boettger, C., Leonbacher, U., **Hastings, P. D.**, & Shirtcliff, E. A. Sensation seeking and a real world stressor: Endocrine and autonomic effects.
- * Miller, J. G., * Kahle, S., * Lopez, M., & **Hastings, P. D.** Better cardiac autonomic regulation during challenge helps compassionate parents to avoid authoritarian parenting.
- Gender Development Research Conference*, April 2012, San Francisco CA (3 posters)
- * Miller, J. G., & **Hastings, P. D.** Maladaptive empathic concern in girls with depressed mothers.
- Grady, J. S., & **Hastings, P. D.** Parasympathetic regulation of cardiac arousal and parental overcontrol predict boys' behaviors with peers in preschool.
- * Lopez, M., **Hastings, P. D.**, Hirahatake, C., & Klimes-Dougan, K. Gender moderates the relationship between adolescents' perception of parental emotion socialization strategy and emotion regulation coping style.
- Jean Piaget Society*, June 2011, Berkeley CA (3 posters)
- * Ghanaat, A., * Nuselovici, J. N., & **Hastings, P. D.** Cortisol and temperament moderate children's play behavior in response to unfamiliar social situations.
- * Miller, J. G., & **Hastings, P. D.** Parenting style and children's emotion physiology: The moderating role of child temperament and emotional context.
- Society for Research in Child Development*, April 2011, Montreal QC (14 posters)
- Chiarella, S. S., Geangu, E., Poulin-Dubois, D., **Hastings, P. D.**, & Hauf, P. Theory of mind in toddlers: Relations to empathic behaviours during a period of another's distress.
- * Desormeau, P. A., * Gosselin, M-P. M., Stanmore, J., * Perron, A., & **Hastings, P. D.** Maternal authoritative parenting and children's conscience predict children's callous representations.
- Feldstein, J., Stack, D. M., Serbin, L. A., **Hastings, P. D.**, Mills, R. S. L., & Schwartzman, A. E. Early-emerging internalizing and externalizing behavior and school adjustment: A longitudinal study predicting academic problems. In poster symposium: An examination of internalizing problems in childhood. (chair: K. A. Arbeau)
- * Gosselin, M-P. M., Forman, D. R., & **Hastings, P. D.** How do children's disclosures of a transgression fit within the development of conscience? In poster

symposium: Parent-child communication: Disclosure and secrecy. (chair: J. E. Grusec)

- Geangu, E., Hauf, P., Chiarella, S. S., Poulin-Dubois, D., **Hastings, P. D.**, & Johnson, A. Looking in your eyes: Toddlers' visual scanning of the face in relation to their empathic responses.
- Hirahatake, C. T., **Hastings, P. D.**, Klimes-Dougan, B., Usher, B. A., & Zahn-Waxler, C. Vagal regulation moderates the relation between rumination and internalizing problems in adolescents.
- * Kahle, S. S., * Utendale, W. T., & **Hastings, P. D.** Contributions of externalizing problems and parasympathetic regulation to developmental trajectories of inhibitory control.
- Klimes-Dougan, B., **Hastings, P. D.**, DeRose, L. M., Shirtcliff, E. A., Usher, B. A., & Zahn-Waxler, C. Adolescents' reactions to stressors: A multi-method assessment of emotion.
- * Loiselle, C., * Scott, B. E., Ladha, F., & **Hastings, P. D.** Preschoolers vagal regulation with peers predicts their school-age social skills and self-esteem.
- * Miller, J. G., Chochol, C., & **Hastings, P. D.** Children's anger-prone and positive temperament moderates how parenting styles relate to emotion physiology.
- * Nuselovici, J., **Hastings, P. D.**, & Mills, R. S. L., Cracking the shell: Mothers' positive parenting supports prosocial development in boys at risk for adverse outcomes. In poster symposium: An examination of internalizing problems in childhood. (chair: K. A. Arbeau)
- * Nuselovici, J., * Scott, B. E., * Rivizzigno, A., * Tang, W-Y., & **Hastings, P. D.** Beyond the front door: Examining the interplay between neighborhood and parenting on children's displays of empathic concern.
- Root, A. E., **Hastings, P. D.**, & Rubin, K. H. Examining maternal shyness and physiological regulation as determinants of parenting.
- Ruttle, P. L., **Hastings, P. D.**, Serbin, L. A., Mills, R. S. L., Stack, D. M., & Schwartzman, A. E. Internalizing problems: Associations with gender, inhibition, and adrenocortical dysregulation in a multi-site study. In poster symposium: An examination of internalizing problems in childhood. (chair: K. A. Arbeau)
- Development 2010: A Canadian Conference on Developmental Psychology*, May 2010, Ottawa ON (7 posters)
- Chiarella, S. S., Geangu, E., Poulin-Dubois, D., **Hastings, P. D.**, Hauf, P., & Johnson, A. P. Toddlers' understanding of the mental states and its relations to empathic behaviours.
- Chochol, C., * Scott, B. E., * Rivizzigno, A. S., * Nuselovici, J. N., & **Hastings, P. D.** Children's high vagal tone and vagal tone suppression predict diminished empathic concern.
- * Desormeau, P. A., * Gosselin, M-P. M., & **Hastings, P. D.** Children's callous themes in the MacArthur Story Stem Battery, externalizing problems and parenting practices.
- * Gosselin, M-P. M., Zhou, B., Forman, D. R., & **Hastings, P. D.** "I'm not gonna tell you where it is": The link between children's concealment of a parent's transgression and rule internalization.

- * Kuchiran, J., * Nuselovici, J., * White, K., * Wang, W-Y., * Scott, B. E., & **Hastings, P. D.** Influences of maternal socialization on affective and cognitive empathy development in girls and boys.
 - * Loiselle, C., Ladha, F., & **Hastings, P. D.** The contributions of vagal regulation to the development of internalizing problems and externalizing problems from preschool to school-age.
 - * Rivizzigno, A. S., * Scott, B. E., * Nuselovici, J., & **Hastings, P. D.** Examining the effects of maternal socialization practices on age differences in children's empathic responsiveness.
- Chiarella, S. S., Geangu, E., Poulin-Dubois, D., **Hastings, P. D.**, Hauf, P., & Johnson, A. P. (2010). Toddlers' processing of others' distress is related to mind understanding. *International Society of Infant Studies*, Baltimore MD.
- Canadian Psychological Association*, June 2009, Montreal QC (7 posters)
- Chochol, C., * Saint-Pierre, A. B., & **Hastings, P. D.** A heart gone cold: Children with externalizing problems are less prosocial when they have low vagal regulation.
 - * Loiselle, C., Ladha, F., & **Hastings, P. D.** Children's negative emotions in preschool predict emotional and behavioural problems 5 ½ years later.
 - * Nuselovici, J. N., Scott, B. E., & **Hastings, P. D.** Adding sugar to the spice: Positive maternal socialization predicts empathic concern in anger-prone girls.
 - * Scott, B. E., **Hastings, P. D.**, & Ladha, F. Preschoolers' internalizing problems and parenting predict children's self-reported social skills 6 years later.
 - * Simard, M. R., **Hastings, P. D.**, & Klinkhoff, C. Links between vagal regulation, maternal socialization and aggressive behaviour in childhood.
 - * Tang, W-Y., Scott, B. E., * Nuselovici, J. N., & **Hastings, P. D.** Mother support for prosocial behaviour predicts less gender-typed aggression in boys and girls.
 - * White, K., & **Hastings, P. D.** Inhibitory control, age and gender as possible moderators of the association between maternal socialization and compliance.
- Society for Research in Child Development*, April 2009, Denver, CO (6 posters)
- * Simard, M. R., **Hastings, P.D.**, & * Saint-Pierre, A. Emotion regulation, emotion socialization and aggression: Gender differences in the links between cardiac vagal tone and behavior.
 - * Hubert, M., **Hastings, P.D.**, Serbin, L. A., Stack, D. M., & Schwartzman, A. E. The impact of family and neighborhood-level disadvantage on asthma severity in children with maternal history of asthma.
 - * Saint-Pierre, A., & **Hastings, P.D.** The influence of context on the relationship between vagal regulation and externalizing problems in early childhood.
 - * Scott, B. E., **Hastings, P.D.**, * Nuselovici, J. N., & * Tang, W-Y. The links between maternal reactions to children's aggression and young children's callous-unemotional responses to others.
 - * Nuselovici, J. N., **Hastings, P.D.**, * Coutya, J., & Saker, A. Three can play at that game: Examining peers' positive and negative contributions to children's play.
 - * Perron-Galinas, A., Stanmore, J., & **Hastings, P.D.** Are externalizing problems less stable in children who are more prosocial?
- Hastings, P.D.**, Mills, R.S.L., Serbin, L., Etezadi, J., & Stack, D. Individual, maternal and socioeconomic contributors to early-emerging internalizing problems.

- International Society for the Study of Behavioural Development (ISSBD)*, July 2008, Wurzburg, Germany.
- Canadian Psychological Association*, June 2008, Halifax, NS (4 posters)
- * Nuselovici, J. N., * Scott, B. E., & **Hastings, P. D.** Showing the way: Examining maternal socialization of children's empathic concern.
 - * Scott, B. E., * Nuselovici, J. N., & **Hastings, P. D.** What Mommy Says, Goes, But Where? Differing Relations between Positive Maternal Behaviours and Empathic Concern in Boys and Girls.
 - * Barrieau, L., **Hastings, P. D.**, & * McShane, K. E. The development of parenting cognitions about preschoolers' social behaviour. *Canadian Psychological Association*, June 2007, Ottawa, ON.
 - * Coutya, J., & **Hastings, P. D.** From physiology to psychopathology: Evaluating the validity of the polyvagal theory in preschoolers using a social task.
 - * Utendale, W. T., & **Hastings, P. D.**, & Fortier, I. Autonomic correlates of comorbid diagnoses in elementary school-age girls with ADHD. *Society for Research in Child Development*, March 2007, Boston, MA.
 - * Nuselovici, J. N., & Hastings, P. D. Three's company but where's the crowd? Examining the influence of peers on the consistency of play across context. *Society for Research in Child Development*, March 2007, Boston, MA.

Invited Presentations

- Hastings, P. D.** (January, 2013). Empathy, compassion, & altruism: Reconciling Locke, Rousseau & Smith with child development. *Entrepreneurs Organization*, Sacramento, CA.
- Hastings, P. D.** (October, 2012). Target effects, or the issue of specificity versus generalization in the socialization of prosocial behavior. *and* Wherefore vagal tone? Applying polyvagal theory to the psychophysiological study of prosocial development. *Prosocial Symposium, School of Family Life, Brigham Young University*, Park City, UT.
- Hastings, P. D.** (October, 2012). The socio-emotional contexts of effective parasympathetic regulation in children. *Child Development & Family Studies, University of West Virginia*, Morgantown, WV.
- Hastings, P. D.** (April, 2012). Physiological regulation of emotion: Examining development in context. *Affective Sciences Training Program, Psychology, UC Berkeley*, Berkeley CA.
- Hastings, P. D.** (November, 2011). Biopsychosocial examinations of children's social and emotional development. *Department of Psychology, University of California Merced*, Merced, CA.
- Hastings, P. D.** (October, 2010). A psychophysiological study of mothers' compassionate love & children's prosocial development. *Compassionate Love in a Relational Context Research Group, Fetzer Institute*, Kalamazoo, MI.
- Hastings, P. D.** (May, 2010). Biopsychosocial models of development: Parental socialization in the context of children's physiology. *Spring Psychology Conference, University of California Davis*, Davis CA.
- Hastings, P. D.** (May, 2009). Vagal regulation, parental socialization and children's psychosocial adjustment. *Resilience in children: A developmental perspective. Annual*

- Child Development Program Professional Development Day, Montreal Children's Hospital, Montreal, QC.*
- Hastings, P. D.** (March, 2009). Science makers, media makers, and policy makers: Trying to talk to each other. *Centre for Research in Human Development Knowledge Translation Workshop, Concordia University, Montreal, QC.*
- Hastings, P. D.** (November, 2008). Socialization, emotion regulation and early positive development. *Centre for Research in Human Development, Concordia University, Montreal, QC.*
- Hastings, P. D.** (October, 2008). Parental socialization of young children's prosocial development. *Department of Psychology, Brock University, St. Catherine's, ON.*
- Hastings, P. D.** (February, 2008). Parental socialization of children's parasympathetic regulation: Testing biopsychosocial models of adjustment. *Centre for Research in Human Development 4th Annual Conference, Concordia University, Montreal, QC.*
- Hastings, P. D.** (January, 2008). Parenting and children's prosocial development: Building on the positives. *Department of Psychology, Dalhousie University, Halifax, NS.*
- Hastings, P. D.** (December, 2007). Different families, equal children: Socialization of positive development in children of lesbian, gay and heterosexual parents. *Department of Psychiatry, Montreal Children's Hospital (McGill University), Montreal, QC.*
- Hastings, P. D.** (November, 2007). What makes children nice? Evolution, biology, parents and society. *Department of Psychology, Carleton University, Ottawa, ON.*
- Hastings, P. D.** (October, 2007). Positive progress: The socialization of prosocial development. *Department of Human Development, University of Maryland, College Park, MD, USA.*
- Hastings, P. D.** (July, 2007). Parenting and children's prosocial development. *Department of Psychology, Pennsylvania State University, State College, PA, USA.*
- Hastings, P. D.** (March, 2007). Understanding the links between adrenocortical functioning and children's mental health: A little spit goes a long way... *Grand Rounds, Royal Children's Hospital, Melbourne, AUS.*
- Hastings, P. D.** (March, 2007). Building a biopsychosocial model of the development of internalizing problems in children. *Centre for Community Child Health, Royal Children's Hospital, Melbourne, AUS.*
- Hastings, P. D.** (January, 2007). Socialization, parenting, and prosocial development. *Department of Psychology, Universidade Federal de Santa Catarina, Florianopolis, Brazil.*
- Hastings, P. D.** (November, 2006). The chronic stress of not belonging: Multiple-minority status, health, and neuroendocrine processes. *CIHR Institute of Gender Health 5th National Gender and Health Workshop for Research Trainees, Postdoctoral Fellows and New Investigators, Halifax, NS, Canada.*
- Hastings, P. D.** (February, 2006). Getting under their skin: The usefulness of psychophysiology in GLBT research. *Équipe FQRSC HSV: Séminaires méthodologiques, Université du Québec à Montréal, Montréal.*
- Hastings, P. D.** (May, 2005). Nato per correre... via: Le radici biologiche dell'inibizione della timidezza e dell'isolamento (Born to run... Away: The

biological underpinning of shyness and social withdrawal.) *Department of Psychology, University of Palermo, Sicily.*

Hastings, P. D. (October, 2004). A biopsychosocial model of early school adjustment: Interactions between children's parasympathetic regulation and parental socialization. *Department of School Psychology, Faculty of Education, McGill University, Montreal.*

Hastings, P. D. (September, 2004). A biopsychological model of early school adjustment: Interactions between children's parasympathetic regulation and parent socialization. *Ecole de Psychoéducation, Université de Montréal, Montreal.*

Hastings, P. D. (March, 2004). Successful adjustment of children with early-emerging internalizing problems: Physiological and familial factors. Research Seminars of the *Division of Child and Adolescent Psychiatry, Montreal Children's Hospital, Montreal, QC.*

Funding

Current Grants Held

NSF IBSS 1327768

Understanding long-term effects on children in economic distress

2013-2017: \$228,374/year for 4 years (\$913,496 total)

Co-Principal Investigators: Marianne Page, Katherine Conger, Amada Guyer,

Paul Hastings

National Institute of Mental Health, R01 (3R01 MH098370-02S1 administrative supplement)

Title: *Neurobiological reactivity, allostatic load and depression in Mexican youth*
07/01/13-06/30/14: \$99,675

Co-Principal Investigators: Amanda Guyer, **Paul Hastings**

UC Davis Interdisciplinary Frontiers in the Humanities and Arts (IFHA)

Title: *Interdisciplinary reappraisals to enhance health and resilience in immigrant communities*

2013-2016: \$400,000/year for 3 years (total \$1,200,000)

Principal Investigator: Nolan Zane

Co-Investigators: Jill Joseph, Lynette Hunter, Mary Lou de Leon Siantz, Carolina Apesoa-Verano, Susette Min, Wendy Ho, Adela de la Torre, **Paul Hastings**, Robert Emmons

UC Davis Interdisciplinary Frontiers in the Humanities and Arts (IFHA)

Title: *Understanding the long-term effects for children in economic distress*

2013-2016: \$400,000/year for 3 years (total \$1,200,000)

Principal Investigator: Marianne page

Co-Investigators: Katherine Conger, **Paul Hastings**, Ann Stevens, Amanda Guyer, Ross Thompson

Mindfulness Connections

Title: *The development of compassion in the transition to school age*

2012-2013: \$10,000

Sole investigator: **Paul Hastings**

UC Davis Center for Mind & Brain MRI Seed Grant

Title: *The neurobiology of empathy*

2012-2013: \$15,000 equivalent (30 hours of MRI scan time)
 Co-Principal Investigators: **Paul Hastings**, Guohua Xia
 National Institute of Mental Health, R01 (MH098370 operating grant)
 Title: *Neurobiological reactivity, allostatic load and the development of depression in Mexican-origin adolescents.*
 2012-2017: \$543,440/year for 5 years (total \$2,717,201)
 Co-Principal Investigators: Amanda Guyer, **Paul Hastings**
 Co-Investigators: Richard Robins, Emilio Ferrer, Rand Conger
 National Institute of Mental Health, R01 (MH098060 operating grant)
 Title: *Children's attentional biases: A key component of negative valence systems*
 2012-2016 : \$734,042/year for 4 years (total \$2,936,170)
 Sub-contract to UC Davis: \$79,065
 Principal Investigator: Brandon Gibb (SUNY-Binghamton)
 Co-Investigators : **Paul Hastings**, Greg Hajcak, John McGreary, Valerie Knopik, & Benjamin Raphael
 Fonds Québécois de Recherche sur la Société et la Culture, Equipe (team grant).
 Title: *The development of emotional competence, Phase III: From early and middle childhood to adolescence.*
 2012-2016: \$106,000/year for 4 years (total \$424,000)
 Principal Investigator: Dale Stack (Concordia University)
 Co-Investigators: **Paul Hastings**, Lisa Serbin, Holly Recchia, Marie-Helene Veronneau
 Health and Human Services (Center grant)
 Title: *A transdisciplinary research team on the causes and effects of poverty* (University of California, Davis Poverty Research Center)
 2011-2016: \$800,000/year for 5 years (total \$4,000,000)
 Principal Investigators: Marianne Page & Ann Stevens (Co-PIs)
 Co-Investigators: Many, including **Paul Hastings** (.12 calendar months)
 National Institute of Mental Health, R01 (MH085505 operating grant)
 Title: *Stress responses as prospective predictors of girls' suicidality and self-injury*
 2010-2015: \$660,681/year for 5 years (total \$3,303,406)
 Sub-contract to UC Davis: \$108,555
 Co-Principal Investigators: Mitchell Prinstein (UNC Chapel Hill), Matthew Nock (Harvard University)
 Co-Investigators: **Paul Hastings**, Karen Rudolph, Daniel Bauer, William Mills-Koonce

Completed Grants

The Fetzer Institute, Operating grant.
 Title: *The psychophysiology of mothers' compassionate love and children's prosocial development.*
 2009-2012: \$84928/year for 2 years (total \$169857)
 (with nine month no-cost extension)
 Sole Investigator: **Paul Hastings**
 Fonds Québécois de Recherche sur la Société et la Culture, Equipe (team grant).

Title: *The development of emotional competence, part II: From early to middle childhood.*

2008-2012: \$95238/year for 4 years (total: \$380951).

Principal Investigator: Dale Stack.

Co-Investigators: **Paul Hastings**, Diane Poulin-Dubois, Lisa Serbin, Alex Schwartzman.

Canadian Institutes of Health Research, Operating grant.

Title: *The bioecological dimensions of mental and physical health across three generations.*

2006-2011, \$126838/year for 4 years (total value of grant: \$507352)

(with one year no-cost extension)

Principal investigator: Alex Schwartzman (Concordia)

Co-Principal investigators : **Paul Hastings**, Michal Abrahamowicz (McGill)

Co-investigators : Lisa Serbin, Dale Stack, Robyn Tamblyn

Social Sciences and Humanities Research Council, Operating grant.

Title: *La gestion du stress chez les jeunes adultes nés très prématurément (Stress management in young adults who were born very prematurely).*

2008-2011: \$61980/year for 3 years (total: \$185940)

Principal investigator: Rejean Tessier (Laval)

Co-investigators: **Paul Hastings**, Francine Lefebvre, Anne Monique Nuyt, Line Nadeau, Cyril Schneider

Canadian Institutes of Health Research, Operating grant.

Strategic Initiative: Reducing health disparities and promoting equity for vulnerable populations.

Title: *Vulnerability and resilience among sexual minorities in Canada.*

2006-2011, \$161037/year for 5 years (total value of grant: \$805185).

Principal investigator: Danielle Julien (UQAM).

Co- investigators: Bill Ryan, Shari Brotman, Line Chamberland, Michel Dorais, Blye Frank, **Paul Hastings**, Joseph Lévy, Melanie Morrison, Joanne Otis, Allan Peterkin, Janice Ristock, Lori Ross, Miriam Smith

Fonds Québécois de Recherche sur la Société et la Culture: Soutien aux équipes

Title : *Homosexualité et société: Vulnérabilité et résilience chez les minorités sexuelles au Québec. (Homosexuality and society : Vulnerability and resilience among sexual minorities in Quebec.)*

2006-2010, \$114151/year 4 years (total value of grant: \$456604)

Principal investigator: Danielle Julien (UQAM).

Co- investigators: Bill Ryan, Shari Brotman, Line Chamberland, Michel Dorais, **Paul Hastings**, Alain Lébon, Joseph Lévy, Joanne Otis

Canadian Institutes of Health Research, Operating grant.

Title: *Harnessing and extending Canadian developmental trajectories research on early-emerging internalizing problems.*

2005-2010, \$148290/year for 5 years (total value of grant: \$741450).

Principal investigator: Rosemary Mills (University of Manitoba).

Co-Principal investigators: **Paul Hastings**, Lisa Serbin (Concordia University).

Co-investigators: John Abela, Robert Coplan, Brian Cox, Frank Elgar, Jamshid Etezadi, Wendy Freeman, Alex Schwartzman, Dale Stack.

- Collaborators: Katharina Mannassis, Noralou Roos
 Proportion allocated to **Hastings**: Approximately \$222435.
 Canadian Institutes of Health Research, Operating grant.
 Title: *Parents' prevention of aggressive development in children through the socialization of empathic responsiveness.*
 2004-2009, \$85066/year for 5 years (total value of grant: \$425330).
 Expenditure period extended through 2010.
 Principal investigator: **Paul Hastings**.
 Collaborator: Joan Grusec (University of Toronto).
- Fonds Québécois de Recherche sur la Société et la Culture, Regroupement stratégiques.
 Title: *Centre de recherche en développement humain (CRDH). (Center for Research in Human Development.)*
 2004-2010, \$276461/year for six years.
 Principal Investigator: Lisa Serbin.
 Co-Investigators: All CRDH members.
- Canadian Institutes of Health Research, Operating grant.
 Title: *Réponse physiologique à une situation de stress social chez des jeunes adultes nés très prématurément (Physiological responses to socially stressful situations in young adults who were born very prematurely).*
 2008-2009: \$100000 for 1 year.
 Principal investigator: Line Nadeau (Laval)
 Co-investigators : **Paul Hastings**, Francine Lefebvre, Anne Monique Nuyt, Rejean Tessier, Cyril Schneider, Mai Thanh Tu
- Ministère du Développement économique, de l'Innovation et de l'Exportation
 Title: *Faciliter la recherche multidisciplinaire sur tout la cycle de la vie.*
 2008, \$250,945
 Principal Investigator: Lisa Serbin (Concordia)
 Co-investigators: All CRDH Members
- American Foundation for Suicide Prevention, Operating grant.
 Title: *Cognitive and biological responses to social stimuli as longitudinal predictors of adolescent girls' suicidality.*
 2007-2009, \$30000/year for 2 years (total value of grant: \$60000).
 Principal investigator: Mitchell Prinstein (UNC-Chapel Hill)
 Co-Investigators: Matthew Nock (Harvard), **Paul Hastings**
- Fonds Québécois de Recherche sur la Société et la Culture, Equipe (team grant).
 Title: *Development of emotional competence: Innovative methodologies and focused applications.*
 2004-2008, \$80178/year for 4 years.
 Principal Investigator: Dale Stack.
 Co-Investigators: **Paul Hastings**, Natalie Philips, Diane Poulin-Dubois, Lisa Serbin, Alex Schwartzman.
- Fonds Québécois de Recherche sur la Société et la Culture, Equipe en emergence (new emerging team).
 Title: *Homosexualités, identités/affirmations culturelles, santé/vulnérabilité. (Homosexualities, cultural affirmation of identities, health and vulnerability.)*
 2004-2006, \$22500/year for 2 years.

Principal Investigator: Danielle Julien (Université de Québec à Montréal).
 Co-Investigators: Alain Lébon, Bill Ryan, Joanne Otis, Joseph Lévy, Line Chamberland, Michel Dorais, Nicole Tremblay, **Paul Hastings**, Shari Brotman.
 Canadian Foundation for Innovation, Infrastructure operating fund.
 Title: *Supporting the systematic study of emotional methodologies and focused applications.*
 2004, \$27458.
 Sole Investigator: **Paul Hastings**.

Fonds Québécois de Recherche sur la Société et la Culture, Regroupement stratégiques.
 Title: *Vers une meilleure compréhension du développement de la compétence et du bien-être de la population Québécoise: Centre de recherche en développement humain (CRDH). (Toward a better understanding of the development of competence and well-being in the Quebec population: Center for Research in Human Development.)*
 2003-2004, \$100000 for one year.
 Principal Investigator: Lisa Serbin.
 Co-Investigators: All CRDH members.
 Canadian Foundation for Innovation, Infrastructure grant.
 Title: *Revealing the physiology and cognitions of affective development: Intergrated studies of adaptive emotional processes in children.*
 2002, \$252792 (40% CFI, 40% Quebec, 20% Concordia University).
 Sole Investigator: **Paul Hastings**.

Canadian Institutes of Health Research, New Emerging Team Grant.
 Title: *Inattention, impulsiveness, and restlessness in childhood: Heritability, genetics, neuropsychology and psychophysiology (KIDNET).*
 2002-2007, \$250000/year for 5 years.
 Principal Investigator: Philippe Robaey (Université du Québec à Montréal).
 Co-Investigators: Five senior and six junior, including **Paul Hastings**.

Canadian Institutes of Health Research, Institution Development grant.
 Title: *Promoting healthy behaviours across the lifespan.*
 2002-2003, \$40000/year for 2 years.
 Principal Investigator: Dr. Martin Singer (Dean, Arts & Science).
 Co-Investigators: Natalie Phillips, **Paul Hastings**, and 9 other collaborators.

Natural Sciences and Engineering Research Council of Canada, Operating grant.
 Title: *The physiology and cognition of emotional development: A functional approach to experience of anger, fear, and joy.*
 2001-2005, \$15000/year for 4 years.
 Sole investigator: **Paul Hastings**.

Social Sciences and Humanities Research Council of Canada, Operating grant.
 Title: *The socialization of early social and emotional competence: Parent's and children's contributions to adjustment in daycare and preschool.*
 2001-2004, \$37089/year for 3 years.
 Principal Investigator: **Paul Hastings**.
 Co-Investigators: Robert Coplan.

Concordia University, Faculty Research Development Program.

Title: *Temperament and the physiology of emotion: Individual difference in children's experience of angry, fearful, and joyous arousal.*

2001-2003, \$8550/year for 2 years.

Sole Investigator: **Paul Hastings**.

Fonds de Recherche en Santé du Québec, Equipe en emergence (new emerging team).

Title: *Cardiovascular and neuroendocrine indicators of stress and reactivity in children with ADHD and comorbid psychopathologies.*

2001-2002, \$20000/year for 2 years.

Co-Principal Investigators: Isabel Fortier (St. Justine's Hospital), **Paul Hastings**.

Fonds pour la Formation de Chercheurs et l'Aide à la Recherche, Equipe.

Title: *Early identification of risk factors for behavioral, cognitive, and social-emotional problems in young children: An intergrated approach.*

2001-2004, \$49955/year for 3 years.

Principal Investigator: Lisa Serbin.

Co-Investigators: **Paul Hastings**, Diane Poulin_Dubois, Alex Schwartzman, Dale Stack.

Fonds pour la Formation de Chercheurs et l'Aide à la Recherche, Equipment grant.

2002, \$49990 for one year.

Principal Investigator: Lisa Serbin.

Co-Investigators: **Paul Hastings**, Diane Poulin-Dubois, Alex Schwartzman, Dale Stack.

Fonds de la Recherche en Sante du Quebec, New Investigator award (operating grant).

Title: *Autonomic and neuroendocrine predictors of childhood anxiety problems and successful adjustment to daycare and preschool.*

2000-2002, \$ 27000/year for 2 years.

Principial Investigator: **Paul Hastings**.

Collabrators: Lisa Serbin, James Pfaus, Robert Coplan (Carleton University).

Teaching: UC Davis

Course Instruction

2011-2012

Psychology 289a/b: **Biopsychosocial Methods in Developmental Psychology**

Psychology 142: **Social, Emotional and Personality Development**

2011-2012

Psychology 272: **Topics in Developmental Psychology: Developmental Psychophysiology**

Psychology 142 (twice): **Social, Emotional and Personality Development**

Autism Research Training Program: Neurophysiology/Psychophysiology

(team-taught course for interdisciplinary postdoctoral fellows at MIND)

2010-2011

Psychology 170: **Developmental Seminar: Developmental Psychopathology**

Psychology 142 (twice): **Social, Emotional and Personality Development**

2009-2010

Psychology 272: **Topics in Developmental Psychology: Socialization**

Psychology 142: **Social, Emotional and Personality Development**

Graduate Student Supervision (and Chair of Advising, Orals & Writtens Committees)

Sarah Kahle Kuipers, 2009+
Jonah Miller, 2009+
Hsiao-Ping Georges Han, 2011+
Natalie Troxel, 2011+

Graduate Student Committee Member

2013: Dissertation exam committee: Maciel Hernandez, doctoral candidate, UC Davis
Orals/Qualifying committee: Maciel Hernandez, doctoral candidate, UC Davis
Emily Owen, doctoral candidate, UC Davis
Jessica Milne-Kahn, doctoral candidate, UC Davis
Tony Zanesco, doctoral candidate, UC Davis
Jonni Johnson, doctoral candidate, UC Davis
Brandon King, doctoral candidate, UC Davis
Advising Committee: Katie Kennedy, doctoral candidate, UC Davis
2012: Dissertation exam committee: Emily Newton, doctoral candidate, UC Davis
Written committee: Jeffrey Phung, doctoral candidate, UC Davis
Tony Zanesco, doctoral candidate, UC Davis
Jonni Johnson, doctoral candidate, UC Davis
Brandon King, doctoral candidate, UC Davis
Orals committee: Jonathan Helm, doctoral candidate, UC Davis
Maciel Hernandez, doctoral candidate, UC Davis
Advising Committee: Emily Owen, doctoral candidate, UC Davis
Jessica Milne-Kahn, doctoral candidate, UC Davis
2011: Writtens Committee: Emily Owen, doctoral candidate, UC Davis
Advising Committee: Jeffrey Phung, doctoral candidate, UC Davis
Tony Zanesco, doctoral candidate, UC Davis
Jonni Johnson, doctoral candidate, UC Davis
Jessica Milne-Kahn, doctoral candidate, UC Davis
2010: Writtens Committee: Jonathan Helm, doctoral candidate, UC Davis
Orals Committee: Sara Waters, doctoral candidate, UC Davis
Michael Biehl, doctoral candidate, UC Davis
Emily Newton, doctoral candidate, UC Davis
Natalie Droxel, doctoral candidate, UC Davis
Advising Committee: Emily Owen, doctoral candidate, UC Davis
Jessica Milne-Kahn, doctoral candidate, UC Davis
2009: Writtens Committee: Emily Newton, doctoral candidate, UC Davis

Undergraduate Student Supervision

Mirander Baker, 2010	Trish Do, 2011+
Jenna Blume, 2009-2010	Alexis Almaraz, 2011+
Brianna Espino, 2010-2011	Julia ter Haar, 2011+
Desiree Flores, 2010-2011	Andrew Elliott, 2011+
Aria Ghanaat, 2009-2011	Avery Miller, 2011+
William Huqueriza, 2010+	Celia Wong, 2011+
Monica Lopez, 2010-2011	Jennifer Kilroy, 2011+

Kamran Mahramzadeh, 2009-2010
Zaviera Reyes, 2010
Hilary Stein, 2010-2011
David Thomas, 2010
Jennifer Yoshimura, 2010+
Cha Xiong, 2010-2011
Amina Moinuddin, 2010-2011
Joshua Jordan, 2010+

Jessica James, 2011+
Natsunbo Nath, 2011+
Victoria Wells, 2011+
Vanessa Del Ray, 2011
Britney Haapanen, 2013+

Graduate Student Supervision, Concordia University (Montreal)

Doctoral Thesis Research, Research Supervisor

Michael Benibgui (2002-2010)

Dissertation: *Diurnal cortisol rhythms, victimization and homonegativity: Understanding the mental health of gay, lesbian and bisexual young adults.*

Defended March 23, 2010

Current occupation: Research Scientist III, Columbia Addiction Services and Psychotherapy Interventions Research, New York State Psychiatric Institute of Columbia University Medical Center, New York USA.

Kelly McShane (2003-2006)

Dissertation: *Family health and parenting in an urban Inuit community: Promoting a participatory action research agenda.* Defended: Sep 25, 2006.

2007 Doctoral Valedictorian, Faculty of Arts and Science.

Current occupation: Assistant Professor, Community Psychology (tenure track), Ryerson University, Toronto Canada.

Caroline Sullivan (2003-2007)

Dissertation: *Bidirectional patterns of socialization between anxious preschoolers and overprotective parents.* Defended: Jan 11, 2007.

Current occupation: Assistant Professor, Clinical Psychology (non-tenure track), University of Ottawa, Ottawa Canada.

William Utendale (2005-2012)

Dissertation: *Examining the developing regulatory functions of inhibitory control in young children with externalizing problems.* Defense scheduled for Sep 14, 2012.

Jacob Nuselovici (2007+). Co-supervisor with William Bukowski.

Dissertation: *Applying the biocological model to children's empathic development: Three studies of the contexts of socialization.*

Marie-Pierre Gosselin (2007+). Co-supervisor with Dale Stack.

Dissertation: *Continuities and discontinuities in children's expectations of parent responsiveness and their role in the development of conscience.*

Masters Thesis Research, Research Supervisor

Kelly McShane (2001-2003)

Caroline Sullivan (2001-2003)

William Utendale (2004-2005)

Jacob Nuselovici (2005-2007)

Melissa Simard (2007-2009)

External Graduate Committee Member (Other Universities)

- 2012: External examiner for Kristen Frampton, doctoral candidate, University of Toronto
2008: External examiner for Isabelle Ouellet-Morin, doctoral candidate, Université Laval
2008: External reader for Joseph Flanders, doctoral candidate, McGill University.
2006-2007: External examiner for Yvonne Bentham, doctoral candidate, University of Adelaide.
2005: External examiner for Andrea Spooner, doctoral candidate, University of Guelph.
2003-2004: External reader for Curtis Edwards, doctoral candidate, Fielding Graduate Institute
2002-2003: External examiner for Jordana Bayer, doctoral candidate, University of Melbourne.

Service: UC Davis

- 2012** Chair, Department of Psychology
Awards Committee member (Director: Gloria Hayes)
Vice-Chair, Institutional Review Board: Panel C – Social & Behavioral Research Center for Mind & Brain Summit Committee member
Psychology, Human Subjects Committee member
2011 Vice-Chair, Institutional Review Board: Panel C – Social & Behavioral Research Center for Mind & Brain Summit Committee member
Psychology, Human Subjects Committee member
2010 Vice-Chair, Institutional Review Board: Panel C – Social & Behavioral Research Chair, Psychology Department Graduate Recruiting Committee
2009 Institutional Review Board member: Panel C – Social & Behavioral Research Psychology Department Graduate Recruiting Committee member

Service to the Community

Journal reviewer/editorial services

- 2011+** Consulting Editor, *Journal of Clinical Child and Adolescent Psychology*
Editorial Board, *Canadian Journal of Behavioural Science*
2007-2013 Editorial Board, *Parenting: Science and Practice*
2006-2010 Editorial Board, *Social Development*
1998-2001 Editorial Board, *Developmental Psychology*
1999-2001 Editorial Board, *Child Development*
1995-2013 Ad hoc reviews of manuscripts for:
Biological Psychiatry
Biological Psychology
British Journal of Clinical Psychology
British Journal of Developmental Psychology
Canadian Journal of Behavioral Science
Child Development
Development & Psychopathology
Developmental Psychobiology

Developmental Psychology
Frontiers in Developmental Psychology
Infant & Child Development
International Journal of Behavioral Development
Journal of Abnormal Child Psychology
Journal of Abnormal Psychology
Journal of Applied Developmental Psychology
Journal of Child Clinical Psychology
Journal of Clinical Child and Adolescent Psychology
Journal of Child Psychology and Psychiatry
Journal of Experimental Child Psychology
Journal of Research on Adolescence
Parenting and Early Development
Parenting: Science and Practice
Social Cognition
Social Development
 Annual number of reviews: 10-16.

Conference reviewer services

- 2011** Reviewer for submissions on *Emotional Development* to the International Conference on Infant Studies (ICIS), Minneapolis, MN.
- 2010** Reviewer for submissions on *Childhood Relationships: Peer-Group Functioning* to the Society for Research in Child Development (SRCD). Montreal, QC.
- 2009** Reviewer for submissions on *Parenting* to the Society for Research on Adolescence (SRA). Philadelphia, PA.
- 2008** Reviewer for submissions on *Developmental Psychopathology* to the Society for Research in Child Development (SRCD). Denver, CO.
- 2007** Reviewer for developmental submissions to 2008 meeting of the Canadian Psychological Association (CPA). Halifax, NS.
- 2006** Reviewer for developmental submissions to 2007 meeting of the Canadian Psychological Association (CPA). Ottawa, ON.
- 2005** Reviewer for range of submissions to International Society for the Study of Behavioral Development (ISSBD). Melbourne, Australia.
- 2003** Reviewer for range of submissions to International Society for the Study of Behavioral Development (ISSBD). Ghent, Belgium.
- 2002** Reviewer for submissions on *Parenting* to the Society for Research in Child Development (SRCD). Tampa, FL.
- 2001** Reviewer for submissions on *Social and Emotional Development* to the International Society for the Study of Behavioural Development (ISSBD). Ottawa, ON.
 Organizing Committee member for the ISSBD Pre-Conference Workshop on *Observational methods in research on human development*. Ottawa, ON.
- 2000** Reviewer for submissions on *Parenting* to the Society for Research in Child Development (SRCD). Minneapolis, MN.

Granting agencies reviewer service

2012 External reviewer for the Fetzer Institute

2010-2011 External reviewer for National Institutes of Health, National Science Foundation

2006-2008 Grant Review Committee Member for CIHR: Children's Health

2005 Invited Reviewer for grant applications to CIHR: Children's Health Committee

2001-2009

External reviewer for applications submitted to: Social Sciences and Research Council of Canada; Saskatchewan Health Services Utilization and Research Commission; University of Western Ontario Faculty of Development Grants; Hospital for Sick Children Foundation; Marchionne Foundation Small Grants Program.

Professional organizations

Member: APA-Division 7, APS, CPA, ISSBD, SRCD

2010+ Item writer for Examination for Professional Practice in psychology (EPPP), the licensing exam administered by the Association of State and Provincial Psychology Boards (ASPPB)

2009+ Treasurer, Emotions Preconference, SRCD

2005+ Organizing Committee, Emotions Preconference, SRCD

2001-2003 Secretary/Treasurer for the Developmental Section of the Canadian Psychological Association.