Jessica P. Lougheed, PhD

Assistant Professor

Department of Psychology

jessica.lougheed@ubc.ca • http://jplougheed.com

EDUCATION

PhD	Queen's University Developmental Psychology <i>Advisor:</i> Tom Hollenstein, PhD <i>Thesis:</i> Interpersonal Emotion Dynamics in Mother-Daughter Dyads during Adolesce	2016 ence
MSc	Queen's University Developmental Psychology <i>Advisor:</i> Tom Hollenstein, PhD <i>Thesis:</i> Emotion Co-Regulation in Parent-Child Dyads with Externalizing and Typica Developing Children	2012 Ily-
BA (Honours)	University of Victoria Major in Psychology, Minor in Germanic Studies <i>Advisor:</i> Bonnie Leadbeater, PhD <i>Thesis:</i> The Effect of Parent-Adolescent Relationships and Adolescent Mastery on S Harming Behaviour	2010 Self-

PROFESSIONAL POSITIONS

Assistant Professor Departr	ment of Psychology, University of British Columbia Okanagan	2020
Assistant Professor Departr	ment of Human Development and Family Studies, Purdue University	2018-2020
	llow ment of Psychology, The Pennsylvania State University <i>rs</i> : Pamela M. Cole, PhD, and Nilam Ram, PhD	2016-2018

SELECTED FELLOWSHIPS AND AWARDS

Full list available at http://jplougheed.com/awards

Monetary Awards

\$140,000 (CDN)	Banting Postdoctoral Fellowship Social Sciences and Humanities Research Council	2016-2018
\$81,000 (CDN)	Postdoctoral Fellowship Social Sciences and Humanities Research Council (declined)	2016-2018
\$15,000 (CDN)	Ontario Graduate Scholarship Ministry of Training, Colleges, and Universities	2015-2016
\$105,000 (CDN)	Joseph-Armand Bombardier Canada Graduate Scholarship Social Sciences and Humanities Research Council	2012-2015
\$15,000 (CDN)	Ontario Graduate Scholarship Ministry of Training, Colleges, and Universities (declined)	2012-2013
\$17,500 (CDN)	Joseph-Armand Bombardier Canada Graduate Scholarship Social Sciences and Humanities Research Council	2011-2012
\$15,000 (CDN)	Ontario Graduate Scholarship	2011-2012

	Ministry of Training, Colleges, and Universities (declined)	
\$10,428 (CDN)	Queen's Graduate Award <i>Queen's University</i>	2010-2011
Other Recognition		
Outstanding Ally Awa Purdue University LC		2019
	n Developmental Psychology ical Association, Developmental Psychology (Division 7)	2018
SRCD Outstanding I Society for Research	Dissertation Award n in Child Development	2017
	e in Psychology (Most Outstanding Dissertation of the Year) hology, Queen's University	2017
Certificate of Acader Canadian Psycholog	nic Excellence for best Master's thesis <i>jical Association</i>	2013
Nominated for the Te Queen's University	eaching Assistantship Prize in Psychology	2012

RESEARCH FUNDING

Fundad projects

ided projects		
i i i i i i i i i i i i i i i i i i i	Identifying critical windows of fluctuations in parent-adolescent conflicts for adolescent adjustment Purdue Research Foundation Research Grant	2019-2020
	Purdue Research Foundation Role: Principal Investigator (declined due to job transition)	2019
	Project: Interpersonal Associations between Mothers' and Adolescents' Emotional Functioning and Internalizing Symptoms Burkhart Faculty Fellowship <i>Center for Families, Purdue University</i> Role: Principal Investigator	
		2019
	Summer Faculty Grant Executive Vice President for Research and Partnerships, Purdue University Role: Principal Investigator	2018-2023
	Project: Development of Socioemotional Flexibility across Adolescence Insight Grant, <i>Social Sciences and Humanities Research Council of Canada</i> Principal Investigator: Tom Hollenstein, PhD Role: Collaborator	2010-2023

PUBLICATIONS

Peer-Reviewed Research

- Lougheed, J. P., Duncan, R., Keskin, G., & Marceau, K. (In press). Longitudinal associations between mother-child conflict and child internalizing problems in mid-childhood. *Development and Psychopathology*.
- Lougheed, J. P., Main, A., & Helm, J. L. (In press). Mother-adolescent conflict dynamics and associations with adolescent perspective taking. *Journal of Family Psychology*. doi: 10.1037/fam0000632.

- Cole, P. M., Lougheed, J. P., Chow, S-M, & Ram, N. (2020). Development of emotion regulation dynamics across early childhood: A multiple time-scale approach. *Affective Science*, 1(1), 28-41. doi: <u>10.1007/s42761-020-00004-y</u>
- Lougheed, J. P. (2020). Parent-adolescent dyads as temporal interpersonal emotion systems. *Journal of Research on Adolescence*, *30*(1), 26-40. doi: 10.1111/jora.12526
- Lougheed, J. P., Brinberg, M., Ram, N., & Hollenstein, T. (2020). Emotion socialization as a dynamic process across emotion contexts. *Developmental Psychology*, *56*(3), 553-565. doi: 10.1037/dev0000801
- Yang, X., Ram, N., Lougheed, J. P., Molenaar, P. C. M., & Hollenstein, T. (2019). Adolescents' emotion system dynamics: Network-based analysis of physiological and emotional experience. *Developmental Psychology*, 55, 1982-1993. doi: 10.1037/dev0000690
- Main, A., Lougheed, J. P., Disla, J., & Kashi, S. (2019). Timing of adolescent emotional disclosures: The role of maternal emotions and adolescent age. *Emotion*, *19*(5), 829-840. doi: 10.1037/emo0000483
- Lougheed, J. P., Benson, L., Cole, P. M., & Ram, N. (2019). Multilevel survival analysis: Studying the timing of children's recurring behaviors. *Developmental Psychology*, *55*(1), 53-65. doi: 10.1037/dev0000619
- Davis, W. E., Giner-Sorolla, R., Lindsay, D. S., Lougheed, J. P., Makel, M. C., Meier, M. E., Sun, J., Vaughn, L., & Zelenski, J. M. (2018). Peer review guidelines promoting replicability and transparency in psychological science. Advances in Methods and Practices in Psychological Science, 1(4), 556-673. doi: 10.1177/2515245918806489.
- Lougheed, J. P., & Hollenstein, T. (2018). Arousal transmission and attenuation in mother-daughter dyads in adolescence. *Social Development, 27*, 19-33. doi: 10.1111/sode.12250
- Hollenstein, T., Tighe, A., & Lougheed, J. P. (2017). Emotional development in the context of mother-child relationships. *Current Opinion in Psychology, 17*, 140-144. doi: 10.1016/j.copsyc.2017.07.010
- Lougheed, J. P., Hollenstein, T., & Lewis, M. D. (2016). Maternal regulation of daughters' emotion during conflicts from early to mid-adolescence. *Journal of Research on Adolescence, 26*(3), 610-616. doi: 10.1111/jora.12211
- Lougheed, J. P., & Hollenstein, T. (2016). Socioemotional flexibility in mother-daughter dyads: Riding the emotional rollercoaster across positive and negative contexts. *Emotion*, 16(5), 620-633. doi: 10.1037/emo0000155
- Lougheed, J. P., Craig, W. M., Pepler, D., Connolly, J., O'Hara, A., Granic, I., & Hollenstein, T. (2016). Maternal and peer regulation of adolescent emotion: Associations with depressive symptoms. *Journal of Abnormal Child Psychology*, 44(5), 963-974. doi: 10.1007/s10802-015-0084-x
- Lougheed, J. P., Koval, P., & Hollenstein, T. (2016). Sharing the burden: The interpersonal regulation of emotional arousal in mother-daughter dyads. *Emotion*, *16*(1), 83-93. doi: 10.1037/emo0000105
- Lougheed, J. P., Hollenstein, T., Lichtwarck-Aschoff, A., & Granic, I. (2015). Maternal regulation of child affect in externalizing and typically-developing children. *Journal of Family Psychology*, 29(1), 10-19. doi: 10.1037/a0038429
- Hollenstein, T. & Lougheed. J. P. (2013). Beyond storm and stress: Typicality, transactions, timing, and temperament to account for adolescent change. *American Psychologist*, 68(6), 444-454. doi: 10.1037/a0033586
- Lougheed, J. P., & Hollenstein, T. (2012). A limited repertoire of emotion regulation strategies predicts internalizing problems in adolescence. *Social Development, 21*(4), 704-721. doi: 10.1111/j.1467-9507.2012.00663.x

Book Chapters

- Lougheed, J.P. (2019). Conflict dynamics and the transformation of the parent-adolescent relationship. In S. Kunnen, M. van der Gaag, N. de Ruiter-Wilcox, & B. Jeronimus (Eds.), (69-82). *Psychosocial Development in Adolescence: Insights from the Dynamic Systems Approach*. New York: Routledge.
- Cole, P. M., Lougheed, J. P., & Ram, N. (2018). The development of emotion regulation in early childhood: A matter of multiple time scales. In P. M. Cole & T. Hollenstein (Eds.), (70-87). *Emotion Regulation: A Matter* of *Time*. Abingdon, UK: Taylor & Francis.

- Lougheed, J. P., & Hollenstein, T. (2018). Methodological approaches to studying interpersonal emotion dynamics. In A. K. Randall & D. Schoebi (Eds.), (75-92). *Interpersonal Emotion Dynamics in Close Relationships*. Cambridge: Cambridge University Press. doi: 10.1017/9781316822944
- Granic, I., & Lougheed, J. P. (2016). The role of anxiety in coercive family processes with aggressive children. In J. Snyder & T. Dishion (Eds.), (231-248). Oxford Handbook of Coercive Relationship Dynamics. Oxford, UK: Oxford University Press. doi: 10.1093/oxfordhb/9780199324552.013.18

Conference Proceedings

Gupta, M., Lougheed, J. P., Tran, T., Borsuk-Gudz, M., Cassidy, S., Hollenstein, T., & Bowie, C.R. (2015, March). Understanding complex family interactions in early episode psychosis. In *Schizophrenia Bulletin* (Vol. 41, pp. S174-S175). Oxford, England: Oxford University Press.

Non Peer-Reviewed Publications

Lougheed, J. P. (2019). A dynamic systems perspective of emotion in the parent-adolescent relationship. Feature article in the *Emotion Researcher Spotlight* series of *Emotion Researcher*, the sourcebook and newsletter for the International Society for Research on Emotion. Retrieved from http://emotionresearcher.com/a-dynamic-systems-perspective-of-emotion-in-the-parent-adolescentrelationship/

RESEARCH TOOLS

- Lougheed, J. P., & Benson, L. (2016). Survival analysis. A series of tutorials using the R statistical program. *Quantitative Developmental Systems Methodology Core, The Pennsylvania State University.*
- Lougheed, J. P., Brinberg, M., & Ram, N. <u>Growth models with nonlinearity in parameters</u>. A tutorial using the R statistical program. *Quantitative Developmental Systems Methodology Core, The Pennsylvania State University*.
- Lougheed, J. P., & Hollenstein, T. (2014). *Specific Affect Coding System Manual: 5-Code Version.* Unpublished manual.

Lougheed, J. P., & Hollenstein, T. (2011). Co-Regulation Coding Manual. Unpublished manual.

PRESENTATIONS AT REFEREED CONFERENCES

Chaired Symposia

- Lougheed, J. P. (2019). Dynamic approaches to parent-child interactions from infancy to adolescence. Society for Research on Child Development Biennial Meeting, Baltimore, MD.
- Lougheed, J. P. (2017). Methodological approaches for the study of emotion dynamics. Association for Psychological Science convention, Baltimore, MD.
- **Lougheed, J. P.** (2017). Linking family emotion socialization, behavior, and physiological processes: Reward, relationships, and positive contexts. *Society for Research on Child Development Biennial Meeting,* Austin, TX.
- Lougheed, J. P. (2017). Adolescent social and emotion dynamics at multiple time scales and relations to psychosocial adjustment. *Society for Research on Child Development Biennial Meeting,* Austin, TX.
- Lougheed, J. P. (2015). Time series methods for interpersonal emotion processes in childhood and adolescence. Society for Research on Child Development, Philadelphia, PA.

Paper Presentations

- Lougheed, J. P., Main, A., & Helm, J. L. (2020). Mother-adolescent emotion dynamics during conflicts: Insights from grid-sequence analysis. *Society for Research on Adolescence Biennial Meeting,* San Diego, CA. (Conference cancelled)
- **Lougheed, J. P.,** Tighe, A. B., & Hollenstein, T. (2019). Emotion spillover across social interactions: The emotional rollercoaster task captures the ups and downs of interpersonal emotions across contexts. *Association for Psychological Science* convention, Washington, DC.

- Yang, X., Ram, N., Lougheed, J. P., Molenaar, P. C. M., & Hollenstein, T. (2019). Adolescents' emotion system dynamics: Network-based analysis of physiological and emotional experience. Society for Research on Child Development Biennial Meeting, Baltimore, MD.
- Lougheed, J. P., Brinberg, M., Ram, N., & Hollenstein, T. (2019). An examination of emotion socialization dynamics in mother-daughter dyads using grid-sequence analysis. *Society for Research on Child Development Biennial Meeting*, Baltimore, MD.
- Tighe, A., Lougheed, J. P., & Hollenstein, T. (2018). Emotion dynamics in mother-daughter relationships across adolescence. Association for Psychological Science Annual Convention, San Francisco, CA.
- Main, A., Lougheed, J. P., & Disla, J. (2018). Dynamics of observed adolescent disclosure during motheradolescent conflict: The role of maternal emotions and adolescent age. *Society for Research on Adolescence 2018 Biennial Meeting*, Minneapolis, MN.
- Lougheed, J. P., Benson, L., Cole, P. M., & Ram, N. (2017). Examining emotion dynamics with survival analysis: An application to self-regulation in early childhood. *Association for Psychological Science* convention, Baltimore, MD.
- Lougheed, J. P., & Hollenstein, T. (2017). Arousal transmission in mother-daughter dyads in negative and positive emotion contexts. *Society for Research on Child Development Biennial Meeting*, Austin, TX.
- Lougheed, J. P., Tsui, T., & Hollenstein, T. (2017). Socioemotional flexibility in mother-daughter dyads: Associations with psychosocial and physiological adjustment. *Society for Research on Child Development Biennial Meeting*, Austin, TX.
- Lougheed, J. P., Koval, P., & Hollenstein, T. (2016). The buffering of sympathetic arousal during social stress in mother-daughter dyads. Society for Research on Adolescence Biennial Meeting, Baltimore, MD.
- Lougheed, J. P. (2015). Social baseline theory and interpersonal emotion regulation. *Emotion Preconference at the Society for Research on Child Development,* Philadelphia, PA.
- Lougheed, J. P., Hollenstein, T., Craig, W. M., Pepler, D. J., & Connelly, J. (2015). Real-time multilevel survival analysis of adolescent emotion socialization. *Society for Research on Child Development,* Philadelphia, PA.
- Lougheed, J. P., Hollenstein, T., & Lewis, M. D. (2014). Event history analysis of mothers' co-regulation of adolescent daughters' affect. *Society for Research on Adolescence,* Austin, TX.
- Hollenstein, T., Lanteigne, D. M., & Lougheed, J. P. (2013). Adolescent social stress and social anxiety: What are they anxious about? Society for Research on Child Development, Seattle, WA
- Lanteigne, D. M., Hollenstein, T., Eastabrook, J., & Lougheed, J. P. (2013). Longitudinal patterns among emotional experience, arousal, and expression in adolescence. *Society for Research on Child Development,* Seattle, WA
- **Lougheed, J. P.**, Hollenstein, T., Lichtwarck-Aschoff, A., & Granic, I. (2013). Multilevel survival analysis of parent regulation and child negative affect in dyads with typically developing and externalizing children. *Society for Research on Child Development,* Seattle, WA
- Hollenstein, T., Lanteigne, D. M., Eastabrook, J., & Lougheed, J. P. (2012). The dynamics of social stress over time: Physiological, behavioral, and psychological trajectories of emotional responsivity. *Society for Research on Adolescence*, Vancouver, BC.
- Hollenstein, T., Lanteigne, D. M., Eastabrook, J., & Lougheed, J. P. (2012). Patterns among emotional experience, arousal, and expression in adolescence. Society for Research on Adolescence, Vancouver, BC

Poster Presentations

- Tighe, A., **Lougheed**, J. P., & Hollenstein, T. (2018). Mother-daughter socioemotional flexibility remains consistent from mid- to late adolescence. *Association for Psychological Science Annual Convention*, San Francisco, CA.
- Tsui, T., Lougheed, J. P., & Hollenstein, T. (2018). Dyadic and individual socioemotional flexibility differentially predict psychosocial well-being of mothers and daughters. Association for Psychological Science Annual Convention, San Francisco, CA.

- Tighe, A., Lougheed, J. P., & Hollenstein, T. (2018). Socioemotional flexibility in mother-daughter relationships across adolescence. *Development 2018: A Canadian Conference on Developmental Psychology*, St. Catherines, ON.
- Tighe, A., Lougheed, J. P., & Hollenstein, T. (2017). Mother-daughter emotion dynamics: Whose relationship is it anyway? Society for Research on Child Development biennial meeting, Austin, TX.
- Lougheed, J. P., Hollenstein, T., Craig, W. M., Pepler, D. J., & Connelly, J. (2014). Parent and peer coregulation of adolescent positive affect: Associations with sex and internalizing problems. *Development* 2014: A Canadian Conference on Developmental Psychology, Ottawa, ON.
- Lougheed, J. P., & Hollenstein, T. (2014). Longitudinal patterns of adolescent emotion regulation: Associations with internalizing problems. *Society for Research on Adolescence*, Austin, TX.
- Lougheed, J. P., Hollenstein, T., Lichtwarck-Aschoff, A., & Granic, I. (2013). Event history analysis of parent regulation of child negative affect in dyads with typically developing and externalizing children. *International Society for Research on Emotion*, Berkeley, CA
- **Lougheed, J. P.**, & Hollenstein, T. (2013). Patterns among adolescent emotion regulation strategies: Associations with internalizing problems. *Society for Research on Child Development,* Seattle, WA.
- Lougheed, J. P., & Hollenstein, T. (2012). Emotion regulation profiles in adolescence. Society for Research on Adolescence, Vancouver, BC.

INVITED PRESENTATIONS AND PANEL DISCUSSIONS

Invited presentations

- Lougheed, J. P. (2020). Emotion dynamics in parent-adolescent dyads. Invited flash talk at Society for Affective Science Conference, San Francisco, CA. (Conference cancelled)
- Lougheed, J. P. (2019). Grid-sequence analysis: A quantitative approach for categorical time series. Flash talk presented at *Advanced Methods at Purdue*, College of Liberal Arts and College of Health and Human Sciences, September 17, 2019, *Purdue University.*
- Lougheed, J. P. (2019). A dyadic systems view of emotion dynamics and internalizing symptoms in adolescence. Clinical Psychology Colloquium, March 1, 2019, *Purdue University*.

Participation on panel discussions

Teaching Sensitive Topics, presented at the Human Development and Family Studies Colloquium series, September 20, 2019, *Purdue University*.

Purdue Innovative Learning's Tech Today series on Gradescope, September 6, 2019, Purdue University.

TEACHING EXPERIENCE

Instructor of Record

 Research Design and Program Evaluation (HDFS 346)
 S 2019, 2020

 Students enrolled: 8-12
 Department of Human Development and Family Studies, Purdue University

 Introduction to Family Process (HDFS 201)
 F 2018, S 2019, F 2019, S 2020

 Students enrolled: 74-120
 Department of Human Development and Family Studies, Purdue University

 Teaching Fellowship (Sole Instructor) Social and Emotional Development (PSYC 351)

 Students enrolled: 122
 Department of Psychology, Queen's University

ADDITIONAL TRAINING AND PROFESSIONAL DEVELOPMENT

Faculty Success Program National Center for Faculty Development & Diversity	2019
<u>Trans Inclusion Training</u> Purdue LGBTQ Center; Purdue University	2019
<u>Safe Zone Training</u> Purdue LGBTQ Center; Purdue University	2018
Statistical Power Analysis for Intensive Longitudinal Studies Methodology Center at Pennsylvania State University; J-P Laurenceau & Niall Bolger	2017
Social Relations Modeling of Dyadic Data Association for Psychological Science workshop; Thomas E. Malloy	2017
Analyzing Ambulatory Assessment Data using Multilevel Modeling Methodology Center at Pennsylvania State University; Michael Russell	2017
Introduction to Time-Varying Effect Modeling Methodology Center at Pennsylvania State University; Stephanie Lanza	2017
Introduction to Growth Curve Modeling: An Overview and Recommendations for Practice Society for Research on Adolescence post-conference workshop; Patrick Curran & Daniel J. Baue	2016 r
Multilevel Modeling workshop Queen's University, Department of Psychology; Elizabeth Page-Gould	2015
Multilevel Modeling course Institute for Measurement, Methodology, Analysis and Policy; Texas Tech University; James P. Se	2015 elig
Workshop on Computationally Intensive Modeling of Social Interaction University of Arizona	2014
Dynamic Mediation Workshop: Methodological Advances in Modeling Real Time Data Arizona State University	2014

PROFESSIONAL ACTIVITIES AND AFFILIATIONS

Funding Reviewer

Review Committee Member, Center for Families Annual Funding Program,	
Center for Families, Purdue University	2020
Ad hoc grant reviewer, Natural Sciences and Engineering Research Council of Canada,	2020
Biological Systems and Functions Group	
Ad hoc grant reviewer, National Science Foundation	2019
Grant reviewer, Deutsche Forschungsgemeinschaft (German Research Foundation)	2019
Insight Grant Application Assessment, Social Sciences and Humanities Research Council of Canada	2019
Doctoral Research Awards-B Committee Member, Canadian Institutes of Health Research 2016	6-2017

Conference Submission Reviewer

Panel reviewer (Emotional Development), Society for Research on Adolescence 2020 Biennial Meeting 2019

Journal Ad-Hoc Reviewer

Applied Developmental Science | Biological Psychology | Child Development | Cognition and Emotion | Depression and Anxiety | Developmental Psychology | Development and Psychopathology | Emotion | European Journal of Psychological Assessment | Frontiers in Psychology, Emotion Science section | Motivation and Emotion | International Journal of Behavioral Development | Journal of Abnormal Child Psychology | Journal of Adolescence | Journal of Child and Family Studies | Journal of Clinical Child and Adolescent Psychology | Journal of Early Adolescence | Journal of Family Psychology | Journal of Research on Adolescence | Proceedings of the National Academy of Sciences of the United States of America | Social and Personality Psychology Compass | Social Development

Membership in Academic Societies

Association for Psychological Science | Society for Research on Child Development | Society for Research on Adolescence | Society for Affective Science | Society for the Improvement of Psychological Science

Other Affiliations

Affiliated scientist, *The Military Family Research Institute at Purdue University*, 2018-2020 Faculty partner, *Center for Families at Purdue University*, 2018-2020 Faculty affiliate, *Advanced Methods at Purdue*, 2018-2020

SELECTED MEDIA COVERAGE

Full list available at http://jplougheed.com/media/

- Wallace, J. B. (November 23, 2018). The right way for parents to question their teenagers. *The Wall Street Journal.* Retrieved from https://www.wsj.com/articles/the-right-way-for-parents-to-question-their-teenagers-1542982858.
- Brousseau, E. (October 24, 2016). Queen's psychology graduate Jessica Lougheed, PhD receives Banting fellowship. Retrieved from http://www.queensu.ca/psychology/feature-story-jessica-lougheed-october-2016
- Nauert, R. (August 26, 2016). How teens learn to manage their emotions. *PsychCentral*. Retrieved from http://psychcentral.com/news/2016/08/25/how-teens-learn-to-manage-their-emotions/109040.html
- Researchers measure emotional flexibility in mother-daughter dyads. (August 24, 2016). *Science Daily.* Retrieved from https://www.sciencedaily.com/releases/2016/08/160824135517.htm?
- Armes, C. (August 24, 2016). The mother-daughter dyad: Going with the flow. Queen's Gazette, Queen's University. Retrieved from http://www.queensu.ca/gazette/stories/mother-daughter-dyad-going-flow
- Micu, A. (September 16, 2015). Close relationships make handling stress easier. *ZME Science*. Retrieved from http://www.zmescience.com/science/close-relationships-stress-9783823/
- Cara, E. (September 15, 2015). Family love: Teen girls who are close with their moms may handle socially stressful situations better. *Medical Daily*. Retrieved from http://www.medicaldaily.com/family-love-teen-girls-who-are-close-their-moms-may-handle-socially-stressful-352748
- Nauert, R. (September 15, 2015). Mother-daughter closeness can ease stress. *Psyc Central*. Retrieved from http://psychcentral.com/news/2015/09/15/mother-daughter-closeness-can-ease-stress/92269.html
- Evidence of emotional 'load sharing' in close relationships. (September 14, 2015). *Science Daily*. Retrieved from http://www.sciencedaily.com/releases/2015/09/150914220528.htm
- Vitelli, R. (September 30, 2013). Storming into adulthood: Are adolescents really emotional volcanoes waiting to explode? *Psychology Today*. Retrieved from http://www.psychologytoday.com/blog/media-spotlight/201309/storming-adulthood
- Craig, A. (October 24, 2013). A new way of looking at teenage temperament. *Medical Xpress*. Retrieved from http://medicalxpress.com/news/2013-10-teenage-temperament.html