

Jamie L. Hanson

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Email: jamielarshanson@gmail.com

Phone: (608) 345-2065

Website: jamielhanson.org

Academic Appointments

- 09/2016 - **University of Pittsburgh** Pittsburgh, PA
Assistant Professor
Department of Psychology
- 09/2016 - **University of Pittsburgh** Pittsburgh, PA
Research Scientist
Learning Research and Development Center

Education

- 02/2014 – 08/2016 **University of North Carolina at Chapel Hill and Duke University** Durham, NC
Postdoctoral Fellow, Center for Developmental Science and Carolina Consortium on Human Development
Supervisor: Drs. Ahmad Hariri and Kenneth Dodge
- 09/2005 -12/2013 **University of Wisconsin-Madison** Madison, WI
Ph.D., Developmental affective neuroscience
Department of Psychology
Supervisors: Drs. Richard Davidson and Seth Pollak
- 08/1999 - 07/2003 **University of Pennsylvania** Philadelphia, PA
B.A. with Honors in Psychology (Magna Cum Laude)
Advisor: Dr. Martha Farah

Funding

- 2018-2019 Steven Manners Faculty Development Award, University Center for Social and Urban Research, University of Pittsburgh
Direct Costs: \$9,900
PI: Hanson
- 2018-2019 Social Science Research Initiative, Office of the Senior Vice Chancellor for Research, University of Pittsburgh
Direct Costs: \$37,500
PI: Hanson & Wang
- 2015-2019 National Institute of Mental Health, Loan Repayment Program Award (Clinical, Extramural—Project Title: Reward and Emotion Reactivity After Early Stress)
PI: Hanson
- 2014-2015 National Institute of Child Health and Human Development T32 Fellowship (HD007376: Human development: Interdisciplinary research training)
PI: Hussong
- 2010-2013 National Institute of Drug Abuse F31 Fellowship (DA028087: Neurodevelopmental correlates of reward processing and adolescent substance abuse)
PI: Hanson

Publications

Peer-Reviewed Journal Articles:

- [26] **Hanson JL**, Gilmore A, Holmes CJ, Yu T, Barton AW, Beach SR, Galván A, MacKillop J, Windle M, Chen E, Miller GE, Sweet LH, & Brody GH. (in press). A family-focused intervention influences

- hippocampal-prefrontal connectivity through gains in self-regulation. *Child Development*. doi: 10.1111/cdev.13154
- [25] Miller AB, Sheridan MA, **Hanson JL**, McLaughlin KA, Bates JE, Lansford JE, Pettit GS, & Dodge KA. (2018). Dimensions of deprivation and threat, psychopathology, and potential mediators: A multi-year, longitudinal analysis. *Journal of Abnormal Psychology*, 127 (2), 160-170. doi: 10.1037/abn0000331
- [24] **Hanson JL**, Knodt AR, Brigidi BD, & Hariri AR. (2018). Heightened connectivity between the ventral striatum and medial prefrontal cortex as a biomarker for stress-related psychopathology: Understanding interactive effects of early and more recent stress. *Psychological Medicine*, 48 (11), 1835-1843, doi: 10.1017/S0033291717003348
- [23] Harms MB, Shannon-Bowen K, **Hanson JL**, & Pollak SD. (2018). Atypical Instrumental Learning and Brain Activity in Physically Abused Adolescents. *Developmental Science*, 21 (4), e12596 doi: 10.1111/desc.12596.
- [22] Chung MK, **Hanson JL**, Adluru N, Alexander AL, Davidson RJ, & Pollak, SD. (2017). Integrative Structural Brain Network Analysis in Diffusion Tensor Imaging. *Brain Connectivity*, 7(6): 331-346.
- [21] **Hanson JL**, van den Bos W, Roeber B, Rudolph KD, Davidson RJ, & Pollak SD (2017). Early adversity and learning: Implications for typical and atypical behavioral development. *Journal of Child Psychology and Psychiatry*, 58(7), 770–778.
- [20] Scult MA, Knodt AR, **Hanson JL**, Ryoo M, Adcock RA, Hariri AR, Strauman TJ. (2016). Individual Differences in Regulatory Focus Predict Neural Response to Reward. *Social Neuroscience*, 12(4), 419-429.
- [19] **Hanson JL**, Albert D, Iselin AR, Carré JM, Dodge KA, & Hariri AR. (2016). Cumulative stress in childhood is associated with blunted reward-related brain activity in adulthood. *Social Cognitive and Affective Neuroscience*, 11(3):405-412.
- [18] **Hanson JL**, Knodt AK, Brigidi BD, & Hariri AR. (2015). Lower structural integrity of the uncinate fasciculus is associated with a history of child maltreatment and future psychological vulnerability to stress. *Development and Psychopathology*, 27(4pt2):1611-1619.
- [17] Hair NL, **Hanson JL**, Wolfe BL, & Pollak SD. (2015). Child poverty, academic achievement, and brain development. *JAMA Pediatrics*, 169(9):822-829.
- [16] Dismukes AR, Shirtcliff EA, **Hanson JL**, & Pollak SD. (2015). Context influences the interplay of endocrine axes across the day. *Developmental Psychobiology*, 57(6):731-741.
- [15] **Hanson JL**, Hariri AR, & Williamson DE. (2015). Blunted ventral striatum development in adolescence reflects emotional neglect and predicts depressive symptoms. *Biological Psychiatry*, 78(9):598-605.
- [14] Chung, MK, **Hanson JL**, Ye J, Davidson RJ, & Pollak SD (2015). Persistent homology in sparse regression and its application to brain morphometry. *IEEE Transactions on Medical Imaging*, 34(9):1928-1939.
- [13] **Hanson JL**, Nacewicz BM, Sutterer MJ, Cayo AA, Schaefer SM, Rudolph KD, Shirtcliff EA, Pollak SD, & Davidson RJ. (2015). Behavior problems after early life stress: Contributions of the hippocampus and amygdala. *Biological Psychiatry*, 77(4):314-23.
- [12] Caldwell JZK, Essex MJ, Kalin NH, Slattery MJ, Armstrong JM, **Hanson JL**, Sutterer MJ, Stodola DE & Davidson RJ. (2015). Preschool externalizing behavior predicts gender-specific variation in adolescent amygdala, hippocampus, and prefrontal cortical volumes, *PLoS ONE*, 10(2):e0117453.
- [11] Gorka AX, **Hanson JL**, Jacobson SR, & Hariri AR (2014). Reduced hippocampal and medial prefrontal gray matter mediate the association between reported childhood maltreatment and trait anxiety in adulthood and predict sensitivity to future life stress. *Biology of Mood & Anxiety Disorders*, 4:12.
- [10] **Hanson JL**, Hair N, Shen DG, Shi F, Gilmore JH, Wolfe BL, & Pollak SD. (2013) Family poverty affects the rate of human infant brain growth. *PLoS ONE*, 8(12): e80954.
- [9] Chung MK, **Hanson JL**, Lee H, Adluru N, Alexander AL, Davidson RJ, & Pollak SD (2013). Persistent homological sparse network approach to detecting white matter abnormality in maltreated children: MRI and DTI multimodal study. *Medical Image Computing and Computer-Assisted Intervention - MICCAI 2013*, 16(Pt 1):300-307.
- [8] **Hanson JL**, Chung MK, Adluru N, Alexander AL, Davidson RJ, & Pollak SD. (2013). Early neglect is associated with alterations in white matter integrity and cognitive functioning. *Child*

Development, 84(5):1566-78.

- [7] **Hanson JL**, Suh JW, Nacewicz BM, Sutterer MJ, Cayo AA, Stodola DE, Burghy CA, Hongzhi W, Avants BB, Yushkevich PA, Essex MJ, Pollak SD, & Davidson RJ. (2012). Robust automated amygdala segmentation via multi-atlas diffeomorphic registration. *Frontiers in Neuroscience*, 6:166.
- [6] **Hanson JL**, Chung MK, Avants, BB, Rudolph KD, Shirtcliff EA, Gee JC, Davidson RJ, & Pollak SD. (2012). Structural variations in prefrontal cortex mediate the relationship between early childhood stress and spatial working memory. *Journal of Neuroscience*, 32(23), 7917-7925.
- [5] Strang NM, **Hanson JL**, & Pollak SD. (2012). The importance of biological methods in linking social experience with social and emotional development. *Monographs of the Society for Research in Child Development*, 77(2), 61-66.
- [4] **Hanson JL**, Chandra A, Wolfe BL, & Pollak SD (2011). Association between income and the hippocampus. *PLoS ONE*, 6(5): e18712.
- [3] **Hanson JL**, Chung MK, Avants BB, Shirtcliff EA, Gee JC, Davidson RJ, & Pollak SD. (2010). Early stress is associated with alterations in the orbitofrontal cortex: a tensor-based morphometry investigation of brain structure and behavioral risk. *Journal of Neuroscience*, 30(22), 7466-7472.
- [2] Bauer PM., **Hanson JL**, Pierson RK, Davidson RJ, & Pollak SD. (2009). Cerebellar volume and cognitive functioning in children who experienced early deprivation. *Biological Psychiatry*, 66(12), 1100-1106.
- [1] Eatough EM, Shirtcliff EA, **Hanson JL**, & Pollak SD. (2009). Hormonal reactivity to MRI scanning in adolescents. *Psychoneuroendocrinology*, 34(8), 1242-1246.

Peer-Reviewed Book Chapters:

- [4] Chung MK, **Hanson JL**, & Pollak SD. (2016). Statistical analysis on brain surfaces. In H. Ombao, M. Lindquist, W. Thompson, & J. Aston (Eds). *Handbook of Modern Statistical Methods: Neuroimaging Data Analysis*. New York, NY: Taylor & Francis
- [3] **Hanson JL** & Hackman D. (2012). Cognitive neuroscience and SES disparities. In T. Seeman, W. Evans, & B. Wolfe (Eds). *Biological consequences of socioeconomic inequalities*. New York, NY: Russell Sage Foundation.
- [2] **Hanson JL**, Chandra A, Moss E, Bhattacharya J, Pollak SD, & Wolfe B. (2012). Brain development and poverty: A first look. In T. Seeman, W. Evans, & B. Wolfe (Eds). *Biological consequences of socioeconomic inequalities*. New York, NY: Russell Sage Foundation.
- [1] Hilt L, **Hanson JL**, & Pollak SD. (2011). Emotion dysregulation. In B. Brown and M. Prinstein (Eds.), *Encyclopedia of adolescence*. San Diego, CA: Academic Press.

Journal Commentaries:

- [1] Hair NL, **Hanson JL**, Wolfe BL, & Pollak SD. (2016). Association Between Child Poverty and Academic Achievement-In Reply. *JAMA Pediatrics*, 170(2):180.

Manuscripts Under Review:

- [6] Albert WD, **Hanson JL**, Skinner AE, Lansford JL, & Dodge KA. Cumulative Exposure to Stress During Development Influences Academic Outcomes at School: The Mediating Role of Neurocognitive Functioning; preprint available: <https://doi.org/10.31234/osf.io/dkjin9>
- [4] Hair N, **Hanson JL**, Wolfe B, & Pollak SD. Charting Brain Development Across Infancy, Childhood, and Adolescence.
- [3] Palacios-Barríos EE & **Hanson JL**. Poverty and Self-Regulation: Integrating Psychosocial Processes and Neurobiology to Understand Risk for Psychopathology.
- [2] Yazgan I, **Hanson JL**, Bates JE, Lansford JE, Petit GS, & Dodge KA. Cumulative Early Childhood Adversity and Later Antisocial Behavior: The Potential Mediating Role of Neurocognitive Functioning.
- [1] Phan JM, Shirtcliff EA, **Hanson JL**, & Pollak SD. Cortisol Functioning in Post-Institutionalized Adolescents Influenced by Severity of Neglect and Context.

Manuscripts in Preparation:

- [4] Kraynak TE, Marsland AL, **Hanson JL**, & Gianaros PJ. An inflammatory pathway links retrospective recall of childhood physical abuse with resting corticolimbic connectivity in midlife adults.
- [3] **Hanson JL**, Albert WD, White SF, Skinner AT, Lansford JE, & Dodge KA. Reduced neural signaling of subjective value is related to early socioeconomic status and depressive symptomatology during adolescence.
- [2] Calma-Birling D[†], **Hanson JL**[†], Lansford JE, Bates JE, Pettit GS, & Dodge KA. Early poverty interacts with adolescent inhibitory control and physiological reactivity to predict adult externalizing problems. ([†] *Denotes equal contribution to this work*)
- [1] Gilmore A, Buser NJ, & **Hanson JL**. Structural MRI quality related to measurements of gray matter volumes during development.

Teaching and Mentoring Experience

Teaching:

University of Pittsburgh

- 2018, Spring Behavioral Neuroscience (PSY2475, Graduate level)
Student Evaluations (average based on course organization, appropriateness of evaluation, and instructor effectiveness): 4.82/5
- 2017, Spring Topics in Cognitive Psychology: Emotion and the Brain (PSY1054, Undergraduate, upper level seminar)
Student Evaluations (average based on course organization, appropriateness of evaluation, and instructor effectiveness): 4.61/5

University of North Carolina at Chapel Hill

- 2016, Spring Postdoctoral Facilitator, Pro-seminar in Developmental Science: Cognitive Development from a Neuroscience Perspective (PSYC 781)
- 2015, Fall Postdoctoral Facilitator, Pro-seminar in Developmental Science: The Family as a Context for Development, Continuity, and Change in Externalizing Behaviors in Early Childhood (PSYC 781)
- 2014, Spring Postdoctoral Facilitator, Pro-seminar in Developmental Science: Cultivating a Developmental Science of Flourishing (PSYC 781)
- 2014, Fall Postdoctoral Facilitator, Advanced Seminar in Human Development: Developmental Science and Education (EDUC 881)

University of Wisconsin-Madison

- 2009, Fall Teaching Assistant, Introduction to Child Development (PSYCH 560)
- 2009, Spring Teaching Assistant, Introduction to Child Development (PSYCH 560)

Guest Lecturing:

University of North Carolina at Chapel Hill

- 2014-2015 Biology in Public Discourse (PUBPOL 590S), "Neuroimaging: Triumphs, Trials and Tribulations"

University of Wisconsin-Madison

- 2010-2013 Introduction to Child Development (PSYCH 560), "Introduction to the Biological Foundations of Development"

Primary Mentoring (Undergraduate):

University of Pittsburgh

- 2018- 11 students for directed research credits (through the Psychology department, as well as the Neuroscience department)
- 2017-2018 3 students for directed research credits (through the Psychology department)

Primary Mentoring (Graduate):

- Fall 2017- Esther Palacios-Barrios, joint clinical-developmental program (Department of Psychology)

Mentoring Committees (Undergraduate):

Spring 2018 Sarah Lazzaro, BPhil Thesis Committee
Fall 2017- Spring 2018 Shutian Shen, Honors' Thesis

Mentoring Committees (Graduate):

Summer 2018- Rosalind Elliott, Dissertation Committee (Department of Psychology)
Spring 2018- Orma Ravindranath, Master's Thesis Committee (Department of Psychology)
Spring 2018- Chardée Galan, Dissertation Committee (Department of Psychology)
Spring 2018- Susan Kuo, Dissertation Committee (Department of Psychology)
Spring 2018- Dana Rosen, Dissertation Committee (Department of Psychology)
Spring 2018- Maria Camacho, Reprint Examination Committee (Department of Neuroscience)
Spring 2018-Fall 2018 Brenden Tervo-Clemmens, Comprehensive Exam Committee (Department of Psychology)
Fall 2018- Stephanie Sequeira, Master's Thesis Committee (Department of Psychology)
Spring 2017-Fall 2017 Bart Larson, Dissertation Committee (Department of Psychology)
Fall 2016-Spring 2018 Thomas Kraynak, Master's Thesis Committee (Department of Psychology)
Fall 2016- Stephanie Sequeira, Graduate Advisory Committee (Department of Psychology)

Awards and Honors

2017 APS "Rising Star"
American Psychological Society

2015 Trainee Professional Development Award
Society for Neuroscience

2015 Travel Award
HealthEmotions Research Institute
Wisconsin Symposium on Emotion
University of Wisconsin-Madison

2014-2015 Fellowship
Carolina Consortium on Human Development
Center for Developmental Science
University of North Carolina at Chapel Hill

2014 Fellowship
Sackler Summer Institute
Sackler Institute, Cornell University

2014 Health & Society Scholars Fellowship Finalist (*declined*)
Robert Wood Johnson Foundation

2012 Fellowship
Summer Institute on Social Developmental Neuroscience
University of Maryland

2012 Friends of the Waisman Center Award
University of Wisconsin-Madison

2012 Travel Award
Sackler Colloquium on Biological Embedding of Early Social Adversity
National Academy of Sciences

2011 Fellowship
NIMH Summer Institute in Cognitive Neuroscience
University of California Santa Barbara

2011 Schwartz Fellowship
Department of Psychology
University of Wisconsin-Madison

2011 Travel Award
NIMH Meeting on "The Determinants of Executive Function & Dysfunction"

2010, 2012	University of Colorado at Boulder Vilas Travel Award Graduate School
2010	University of Wisconsin-Madison Dissertation Grant Robert Wood Johnson Foundation
2009	Hertz Award Department of Psychology University of Wisconsin-Madison
2006	John Merck Fellowship Sackler Summer Institute on the Biology of Developmental Disabilities Cornell University

Research Training

2015	Structural Equation Modeling Workshop, Curran-Bauer Analytics <i>Instructors:</i> Drs. Patrick Curran and Daniel Bauer	Chapel Hill, NC
08/2003 - 08/2005	Post-Baccalaureate Researcher , Joint position at the Child Emotion Research Laboratory and the Waisman Center, Laboratory for Brain Imaging & Behavior, University of Wisconsin-Madison <i>Supervisors:</i> Drs. Richard Davidson and Seth Pollak	Madison, WI
2003	Analysis of Functional NeuroImages (AFNI) Boot Camp , Medical College of Wisconsin <i>Primary Instructor:</i> Dr. Robert Cox	Milwaukee, WI

Invited Lectures and Colloquia

For Academic Audiences:

- [10] **Hanson JL.** (2018, June 6). Focusing on Neurodevelopment and Motivation to Understand Socioeconomic Differences in Academic Achievement. **Lecture presented at the 6th International Workshop on Advanced Learning Sciences**, Pittsburgh, PA.
- [9] **Hanson JL.** (2017, October 12). Allostasis & adaptive calibration after early life adversity: Suggestive ideas from amygdala structure & function. **Lecture presented at the Developmental Affective Neuroscience Symposium, University of Pittsburgh- Department of Psychiatry**, Pittsburgh, PA.
- [8]. **Hanson JL.** (2017 October 3). Understanding Neurodevelopment and Cumulative Early Life Stress, **Lecture presented at 'The Seventh Annual on the Shoulders of Giants Scientific Symposium', Child Mind Institute, New York, NY.**
- [7] **Hanson JL.** (2016, June 24). Corticolimbic Circuits and Stress: Understanding Risk for Internalizing Psychopathology and Allostatic Models of Development. **Lecture presented at the Annual Meeting of Academy of Behavioral Medicine Research.** Whistler, British Columbia.
- [6] **Hanson JL.** (2014, October 8). Reward functioning and early life stress: Integrating affective neuroscience and developmental psychopathology. **Lecture presented at the University of North Carolina at Chapel Hill, Department of Psychology.** Chapel Hill, NC.
- [5] **Hanson JL.** (2013, December 10). Socioeconomic Status and Brain Development. **Lecture presented at the University of Wisconsin-Madison, Waisman Center, Early Childhood Seminar Series**, Madison, WI.
- [4] **Hanson JL.** (2012, November 28). Early adversity and the medial temporal lobe: Insights from structural brain imaging. **Lecture presented at NIMH Center Meeting on Early Experiences, Stress and Neurobehavioral Development**, Seattle, WA.
- [3] **Hanson JL.** (2011, May 5). Neurobiological consequences of early stress exposure: Examining executive functioning and the prefrontal cortex. **Lecture presented at Columbia University, Department of Psychology, Departmental Colloquium**, New York, NY.

- [2] **Hanson JL.** (2009, September 10). NIH brain scan and poverty project: Preliminary findings. **Lecture presented at the Russell Sage Foundation**, San Francisco, CA.
- [1] **Hanson JL.** (2008, November 13). Income and brain development with applications to cognition and health. **Lecture presented at the Russell Sage Foundation**, New York, NY.

For Public Audiences:

- [6] **Hanson JL.** (2018, August 17). Connections Between Adverse Childhood Experiences & Health: Bridging “Neurons to Neighborhoods. **Lecture presented at the Positive Health Clinic, Allegheny Health Network**, Pittsburgh, PA.
- [5] **Hanson JL.** (2018, August 2). Building Strong Communities by Supporting Youth: Adversity, Brain Development and “Simple Interactions. **Lecture presented remotely to Save the Children USA (Kentucky Chapter)** via ReadyNation’s Brain Science Speakers Bureau.
- [4] **Hanson JL.** (2017, September 11). How Motivation & Cognition Factors May Shape Student Success. **Lecture presented at Northgate School District, School Board Meeting**, Pittsburgh, PA.
- [3] **Hanson JL.** (2017, September 7). Stress & Development. **Lecture presented at the Youth Research Advisory Board, Children’s Hospital of Pittsburgh**, Pittsburgh, PA.
- [2] **Hanson JL.** (2016, September 19). Early experience and brain development. **Roundtable discussion at the Homewood Brushton YWCA**, Pittsburgh, PA.
- [1] **Hanson JL.** (2015, September 17). Science Cafe: The Teenager’s Mind. North Carolina Museum of Natural Sciences. **Lecture presented at the North Carolina Museum of Natural Sciences**, Raleigh, NC.

Conference Presentations

Chaired Conference Symposia:

- [6] Pena CL & **Hanson JL.** Enduring Consequences of Early Stress II. Panelists: Kevin Bath, Jeremy Gray, Bridget Callaghan, Taylor Keding, Carina Block, Elyse Morin, and Samantha Keller. Nanosymposium organized for the **2016 Annual Meeting for Society for Neuroscience**, San Diego, CA.
- [5] **Hanson JL.** Emerging research in developmental neurogenetics: Novel insights into intermediate neural phenotypes of affective dysregulation. Panelists: Michael Pluess, Rebecca Waller, and Christina Di Iorio. Paper Symposium chaired at the **2015 biennial meeting of the Society for Research on Child Development**, Philadelphia, PA.
- [4] **Hanson JL & Kigar SL.** The neurobiological sequelae of early-life stress. Panelists: Kerry Ressler, Stephen Suomi, Mar Sanchez, Nicholas Allen, Jeremy Rosenkranz, Bonnie Goff, Jeremy Gray, Allie Rodgers, Emma Sarro, Elizabeth Cox, and Tiffany Doherty. Nanosymposium organized and chaired at the **2014 Annual Meeting for Society for Neuroscience**, Washington, DC.
- [3] **Hanson JL.** Emerging early adversity and psychopathology: Investigating potential neurobiological mechanisms. Panelists: Nathan Fox, Sara Jaffee, Eamon McCrory. Paper Symposium chaired at the **2013 biennial meeting of the Society for Research on Child Development**. Seattle, WA.
- [2] **Hanson JL & Mashoodh R.** Early life stress and behavioral development. Panelists: Patrick McGowan, Dario Maestriperi, Dylan Gee, Brittany Howell, Jennifer Blaze, Millie Rincón Cortés, and Rahia Mashoodh. Nanosymposium organized and chaired at the **2012 Annual Meeting for Society for Neuroscience**, Washington, DC.
- [1] **Hanson JL.** Early life experience and the emotional brain. Panelists: Regina Sullivan, Nim Tottenham, Tania Roth, David Lyons, Anna Braun, Brittany Howell. Nanosymposium organized and chaired at the **2009 Annual Meeting for Society for Neuroscience**, Chicago, IL.

Talks:

- [7] **Hanson JL,** Knodt AR, Radtke SR, Brigidi BD, & Hariri AR. The interaction of childhood trauma and recent stress are associated with heightened ventral striatum-medial prefrontal cortex connectivity: Relations with depression and anxiety. Nanosymposium presentation at the **2016 annual meeting for Society for Neuroscience**, San Diego, CA.
- [6] **Hanson JL,** Williamson DE, & Hariri AR. Polygenic risk and intermediate neural phenotypes: Focusing on neural reward reactivity to understand cigarette smoking. Paper presentation at the **2015 biennial meeting of the Society for Research on Child Development**, Philadelphia, PA.

- [5] **Hanson JL**, Williamson DE, & Hariri AR. Decrease in reward-related ventral striatum reactivity during adolescence reflects early life stress and predicts depressive symptomatology. Nanoymposium presentation at the **2014 annual meeting for Society for Neuroscience**, Washington, DC.
- [4] **Hanson JL**, Davidson RJ, & Pollak SD. Reward learning and early adversity: Neurobiological mechanisms of behavioral risk. Paper presentation at the **2013 biennial meeting of the Society for Research on Child Development**, Seattle, WA.
- [3] **Hanson JL**, Pollak SD, & Davidson RJ. Early life stress & medial temporal lobe morphometry. Nanoymposium presentation at the **2012 annual meeting for Society for Neuroscience**, Washington, DC.
- [2] **Hanson JL**. Remarks at The Edward Zigler SRCD Biennial Policy Pre-Conference at the **2011 biennial meeting of the Society for Research on Child Development**, Montreal, Quebec.
- [1] **Hanson JL**, Pollak SD, & Davidson RJ. The correlates of early experience on structural brain development. Nanoymposium presentation at the biennial meeting of the **2009 annual meeting for Society for Neuroscience**, Chicago, IL.

Posters (first-author):

- [9] **Hanson JL**, Knodt, AK, Dodge KA, & Hariri AR. (2015). Early life stress is associated with decreased reward-related activity and intrinsic functional connectivity of the ventral striatum as well as symptoms of depression in adulthood. *Society for Neuroscience Abstracts*, 349.04/AA15.
- [8] **Hanson JL**, Chung MK, Avants BB, Rudolph KD, Shirtcliff EA, Gee JC, Davidson RJ, & Pollak SD. (2011). Child maltreatment, cumulative lifetime stress and amygdala volume. *Society for Neuroscience Abstracts* 927.09/VV93
- [7] **Hanson JL**, Chung MK, Avants BB, Shirtcliff EA, Gee JC, Pollak SD, & Davidson RJ. (2011). Structural brain correlates of successful stress regulation in children. **Cognitive Neuroscience Society 2011 Annual Meeting**, E43.
- [6] **Hanson JL**, Chung MK, Pollak SD, & Davidson RJ. (2010). Development of the medial temporal lobe: Cross-sectional & longitudinal insights into behavioral change. *Society for Neuroscience Abstracts* 91014/LLL46
- [5] **Hanson JL**, Chung MK, Avants B, Shirtcliff EA, Schlaak S, Gee J, Davidson RJ, & Pollak SD. (2010). Effects of early deprivation and neglect on adolescent brain structure and neuropsychological functioning. *b*, 3-069, (89).
- [4] **Hanson JL**, Oakes TR, Sutterer MJ, Schaefer SM, Nacewicz BM, Kirkland JZ, Pollak SD, & Davidson RJ. (2009). A comparison of automated volumetric methods and hand-tracing of the hippocampus and amygdala. **Meeting of the Organization for Human Brain Mapping #360-SA-PM**.
- [3] **Hanson JL**, Chung MK, Oakes TR, Pollak SD, & Davidson RJ (2009). Chronic life stress is associated with volumetric reductions in the corpus callosum. **Biennial Meeting of the Society for Research in Child Development** 1-043, (20).
- [2] **Hanson JL**, Chung MK, Sutterer MJ, Nacewicz BM, Pollak SD, & Davidson RJ. (2008). Smaller amygdalae are associated with early social deprivation in childhood. *Society for Neuroscience Abstracts* 47711/QQ10.
- [1] **Hanson JL**, Brotman MA, O'Reardon JJ, Wang J, Detre JA, DeRubeis RJ, & Farah MJ. (2003). Neural correlates of attributional style: A trait marker of depression. *Society for Neuroscience Abstracts* 64023.

Professional Activities

Editorial Boards: *Frontiers in Psychology (Emotion Science)*

Ad hoc Grant Reviewing: *U.S.-Israel Binational Science Foundation; Netherlands Organisation for Scientific Research*

Conference Reviewing: *2017 Biennial Meeting for the Society for Research in Child Development (2017)*

Ad hoc Journal Reviewing: *Archives of General Psychiatry; Behavioural Brain Research; Biological Psychology; Biological Psychiatry; Child Development; Cortex; Development & Psychopathology; Developmental Cognitive Neuroscience; Developmental Psychobiology; Developmental Psychology;*

Developmental Science; Frontiers (in Emotion Science); Human Brain Mapping; JAMA Pediatrics; Journal of the American Academy of Child and Adolescent Psychiatry; Journal of Developmental & Behavioral Pediatrics; Journal of Neuroscience; Journal of Neuroscience Research; Nature Medicine; Nature Neuroscience; NeuroImage; NeuroImage: Clinical; Neuropsychopharmacology; Neuroscience Letters; Pediatrics; Psychological Medicine; Psychosomatic Medicine; Psychiatry Research: Neuroimaging; Proceedings of the National Academy of Sciences; Psychoneuroendocrinology; Social and Cognitive Affective Neuroscience; Translational Psychiatry; Trends in Cognitive Sciences

Professional Memberships: *Society for Research in Child Development; Society for Neuroscience*

Departmental Service:

University of Pittsburgh

Fall 2018-	Departmental Colloquium Committee, Department of Psychology
Summer 2017	Tim Post Award Selection Committee, Department of Psychology
Spring 2017-	Departmental Diversity Committee, Department of Psychology
Fall 2016-Spring 2017	Multimodal Neuroimaging Training Program Symposium, Co-Organizer

University of North Carolina at Chapel Hill

2014-2015	Colloquium Planning Committee, Carolina Consortium on Human Development
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University of Wisconsin-Madison

2011-2012	Colloquium Planning Committee, Department of Psychology
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Media Coverage (selected)

"Strengthening self-regulation in childhood may improve resiliency later in life." **Medical Xpress** (2018, November 1). Retrieved November 18, 2018, from <https://medicalxpress.com/news/2018-11-self-regulation-childhood-resiliency-life.html>

"Pitt Study: Abuse in childhood can lead to misbehavior later." **Pittsburgh Post-Gazette** (2017, March 1). Retrieved March 1, 2017, from <http://www.post-gazette.com/news/health/2017/03/01/Pitt-Study-Abuse-during-childhood-can-lead-to-misbehavior-later-in-life/stories/201703010043>

"Evidence grows of poverty's toll on young brains." **USA Today**. (2016, July 6). Retrieved July 14, 2016, from <http://www.usatoday.com/story/news/investigations/2016/07/06/evidence-grows-povertys-toll-young-brains/86571856/>

"Early life stress and adolescent depression linked to impaired development of reward circuits." **ScienceDaily**. (2015, October 29). Retrieved October 29, 2015, from <http://www.sciencedaily.com/releases/2015/10/151029102524.htm>

"Early childhood stress affects brain's response to rewards." **ScienceDaily**. (2015, October 19). Retrieved October 23, 2015, from <http://www.sciencedaily.com/releases/2015/10/151019110955.htm>

"What's going on in there? Researcher explains teenage mind". **WRAL.com**. (2015, September 14). Retrieved September 30, 2015, from <http://www.wral.com/what-s-going-on-in-there-researcher-explains-teenage-mind/14899328/>

"How Poverty Stunts Kids' Brain Development". **Huffington Post**. (2015, July 24). Retrieved September 30, 2015, from http://www.huffingtonpost.com/entry/how-poverty-stunts-childrens-brain-development_55b13476e4b08f57d5d3f990

"Poverty Disturbs Children's Brain Development and Academic Performance". **Scientific American**. (2015, July 22). Retrieved September 30, 2015, from

<http://www.scientificamerican.com/article/poverty-disturbs-children-s-brain-development-and-academic-performance/>

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