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Department of Psychology
Stanford University

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Education

- 2015- 2021 Stanford University, Stanford, CA
 PhD Candidate Psychology
 Emphasis in Affective Science
- 2006-2010 Skidmore College, Saratoga Springs, NY
 BA in Psychology (minor in English)
 summa cum laude

Research Training

- 2015- PhD Candidate
 Stanford Neurodevelopment, Affect, and Psychopathology Lab
 Stanford University, Department of Psychology
 PI: Ian Gotlib
- Examining how variation in the early environment influences neurobiological development in a manner that increases risk for, or protects against, the development of psychopathology.
- 2013-2015 Research Coordinator
 Mental and Behavioral Health Outreach Project
 Louisiana State University Health Sciences Center, Department of Psychiatry
 PI: Joy Osofsky
- Investigating the development of psychopathology in children and adolescents exposed to natural and human-made disasters.
- 2011-2013 Research Assistant
 Biobehavioral Research Lab
 Boston Children's Hospital, Department of Psychiatry
 PI: Michelle Bosquet Enlow
- Examining the effects of perinatal stress exposure and maternal caregiving behavior on stress response systems in infancy.

Research Interests

Developmental psychopathology
Early adversity and neurobiological development from infancy through adolescence
Developmental plasticity of the hypothalamic-pituitary-adrenal (HPA) axis
Neglect and enrichment in the early caregiving environment

Honors & Awards

2020	Institute for Research in the Social Sciences (IRiSS) Dissertation Fellowship Stanford University
2019	Elizabeth Munsterberg Koppitz Fellowship in Child Psychology American Psychological Foundation
2017	APA Early Graduate Student Research Award, Honorable Mention (Top 5) American Psychological Association
2016	Graduate Research Fellowship National Science Foundation
2016	Top Poster Award Finalist Society for Biological Psychiatry
2010	Michelle Kelly Memorial Award for Excellence in Independent Research Department of Psychology, Skidmore College
2009	Phi Beta Kappa Skidmore College
2008	Psi Chi Honors Society Skidmore College

Publications

Mentee co-author

* Equal author contribution

Under review

1. Borchers, L.R., Dennis, E.L., **King, L.S.**, Humphreys, K.L., Gotlib, I.H. (under review). Prenatal and postnatal depressive symptoms, infant white matter, and toddler behavioral problems
2. Chahal, R., Kirshenbaum, J.S., Mastrovito, D., **King, L.S.**, Ho, T.C., & Gotlib, I.H. (under review). Adolescent functional connectivity following different forms of early life stress: Markers of risk and resilience for psychopathology.

3. Humphreys, K.L., **King, L.S.**, Dennis, E.L., Querdasi, F.R., Segarra, J., Sisk, L.M., Camacho, M.C., Gotlib, I.H. (under review). Maternal stress and infant amygdala volume: Exploring the specificity of preconception, prenatal, and postnatal stress.
4. **King, L.S.**, Querdasi, F.R.[#], Humphreys, K.L., & Gotlib, I.H. (under review). Dimensions of the language environment and psychopathology in toddlerhood. Preprint: <https://osf.io/caqez/>
5. Kirshenbaum, J.S., Chahal, R., Ho, T.C., **King, L.S.**, Gifuni, A., Mastrovito, D., Coury, S., Weisenburger, R., Gotlib, I.H. (under review). Brain connectomics in early adolescence predict suicidal ideation severity in later adolescence.
6. Roth, M.C.[#], Humphreys, K.L., **King, L.S.**, Gotlib, I.H., Robakis, T.K. (under review). Breastfeeding difficulties predict mother's bond with her infant from birth to age six months.

2020

1. Becker, M., Mayo, J., Nisha, P., Quaintance, C., Laborde, A., **King, L.S.**, Gotlib, I.H., Gaudilliere, B., Angst, M., Shaw, G., Stevenson, D., Aghaeepour, N., & Firdaus, D. (in press). Deleterious and protective factors related to chronic stress predict risk of spontaneous preterm birth. *American Journal of Perinatology*.
2. Camacho, M.C., **King, L.S.**, Ojha, A., Garcia, C.M.[#], Sisk, L.S.[#], Cichocki, A.C., Humphreys, K.L., & Gotlib, I.H. (2020). Cerebral blood flow in 5- to 8-month-olds: Regional tissue maturity is associated with infant affect. *Developmental Science*. doi: 10.1111/desc.12928
3. **King, L.S.**, Camacho, M.C., Montez, D., Humphreys, K.L., & Gotlib, I.H. (in press). Naturalistic language input is associated with resting-state functional connectivity in infancy. *Journal of Neuroscience*.
4. **King, L.S.**, Dennis, E.L., Humphreys, K.L., Thompson, P.M., & Gotlib, I.H. (2020). Cross-sectional and longitudinal associations of family income-to-needs ratio with cortical and subcortical brain volume in adolescent boys and girls. *Developmental Cognitive Neuroscience*. doi: 10.1016/j.dcn.2020.100796
5. **King, L.S.**, Graber, M.G.[#], Colich, N.L., & Gotlib, I.H. (2020). Associations of waking cortisol with DHEA and testosterone across the pubertal transition: Effects of threat-related early life stress. *Psychoneuroendocrinology*. doi: 10.1016/j.psyneuen.2020.104651
6. **King, L.S.**, Rangel, E.[#], Simpson, N., Tikotzky, L., & Manber, R. (2020). Mothers' postpartum sleep disturbance is associated with the ability to sustain sensitivity toward infants. *Sleep Medicine*, 65, 74-83. doi: 10.1016/j.sleep.2019.07.017
7. Miller, C.H., Davis, E.G., **King, L.S.**, Sacchet, M.D., Grill-Spector, K., & Gotlib, I.H. (2020). The structure of depressive symptoms and characteristics and their relation to overall severity in major depressive disorder. *Psychiatric Research*. doi: 10.1016/j.psychres.2020.113399
8. Miller, J.G., Ho, T.C., Humphreys, K.L., **King, L.S.**, Foland-Ross, L.C., Colich, N.L., Ordaz, S.J., Lin, J., & Gotlib, I.H. (2020). Early life stress, frontoamygdala connectivity, and biological aging: A longitudinal investigation. *Cerebral Cortex*. doi: 10.1093/cercor/bhaa057.

9. Roth, M.C.[#], Humphreys, K.L., **King, L.S.**, Modal, S., & Gotlib, I.H. (in press). Attachment security in pregnancy mediates the association between maternal childhood maltreatment and emotional and behavioral problems in offspring. *Child Psychiatry and Human Development*. doi: 0.1007/s10578-020-01073-7

2019

10. Dennis, E.L., Humphreys, K.L., **King, L.S.**, Thompson, P.M., & Gotlib, I.H. (2019). Irritability and brain volume in adolescents: Cross-sectional and longitudinal associations. *Social Cognitive and Affective Neuroscience*, 14, 687-698. doi: 10.1093/scan/nsz053
11. Humphreys, K.L., **King, L.S.**, Sacchet, M., Camacho, M.C., Colich, N.L., Ordaz, S.J., Ho, T.C., & Gotlib, I.H. (2019). Evidence for a sensitive period in the effects of early life stress on hippocampal volume. *Developmental Science*, 22, e12775. doi: 10.1111/desc.12775
12. **King, L.S.**, Humphreys, K.L., Camacho, M.C., Gotlib, I.H. (2019). A person-centered approach to the assessment of early life stress: Associations with the volume of stress-sensitive brain regions in early adolescence. *Development and Psychopathology*, 31, 643-655. doi: 10.1017/S0954579418000184
13. **King, L.S.**, Humphreys, K.L., & Gotlib, I.H. (2019). The neglect-enrichment continuum: Characterizing variation in early caregiving environments. *Developmental Review*, 59, 109-122. doi: 10.1016/j.dr.2019.01.001
14. Kircanski, K.* , Sisk, L.M.* , Ho, T.C., Humphreys, K.L., **King L.S.**, Colich, N.L., Ordaz, S.J., Gotlib, I.H. (2019). Early life stress, cortisol, frontolimbic connectivity, and depressive symptoms during puberty. *Development and Psychopathology*. 1-12.
15. LeMoult, J., Humphreys, K.L., **King, L.S.**, Colich, N.L., Price, A.N.[#], Ordaz, S.J., & Gotlib, I.H. (2019). Associations among early life stress, rumination, symptoms of psychopathology, and sex in early pubertal youth: A moderated mediation analysis. *Journal of Abnormal Child Psychology*, 47, 199-207. doi: 10.1007/s10802-018-0430-x.

2018

16. Humphreys, K.L., **King, L.S.**, Choi, P., & Gotlib, I.H. (2018). Maternal depressive symptoms, self-focus, and caregiving behavior. *Journal of Affective Disorders*, 239, 465-371. doi: 10.1016/j.jad.2018.05.072
17. Humphreys, K.L., Watts, E.L., Dennis, E.L., **King, L.S.**, Thompson, P.M., & Gotlib, I.H. (2018). Stressful life events, ADHD symptoms, and brain structure in early adolescence. *Journal of Abnormal Child Psychology*, 47, 421-432. doi: 10.1007/s10802-018-0443-5
18. Osofsky, H.J., Weems, C.F., Graham, R.A., Osofsky, J.D., Hansel, T.C., & **King, L.S.** (2018). Perceptions of resilience and physical health symptom improvement following post disaster integrated health services. *Disaster Medicine and Public Health Preparedness*, 13, 223-229. doi: 10.1017/dmp.2018.35

19. Roth, M.C.[#], Humphreys, K.L., **King, L.S.**, & Gotlib, I.H. (2018). Self-reported neglect, amygdala volume, and symptoms of anxiety in adolescent boys. *Child Abuse & Neglect*, 80, 80-89. doi: 10.1016/j.chiabu.2018.03.016
20. Weems, C.F., Osofsky, J.D., Osofsky, H.J., **King, L.S.**, Hansel, T.C., & Russell, J.D. (2018). A three-year longitudinal study of perceptions of competence and well-being among youth exposed to disasters. *Applied Developmental Science*, 22, 29-42 . doi: 10.1080/10888691.2016.1219229

2017

21. Colich, N.L., Williams, E.S., Ho, T.C., **King, L.S.**, Humphreys, K.L., Price, A.N.[#], Ordaz, S.J., & Gotlib, I.H. (2017). The association between early life stress and prefrontal cortex activation during implicit emotion regulation is moderated by sex in early adolescence. *Development and Psychopathology*, 29, 1851-1864. doi: 10.1017/S0954579417001444
22. Ho, T.C., **King, L.S.**, Leong, J.K., Colich, N.L., Humphreys, K.L., Ordaz, S.J., & Gotlib, I.H. (2017). Effects of sensitivity to life stress on uncinate fasciculus segments in early adolescents. *Social Cognitive and Affective Neuroscience*, 12, 1460-1469.. doi: 10.1093/scan/nsx065
23. **King, L.S.**, Colich, N.L., LeMoult, J., Humphreys, K.L., Ordaz, S.J., Price, A.N.[#], & Gotlib, I.H. (2017). The impact of early life stress on diurnal cortisol: The role of puberty. *Psychoneuroendocrinology*, 77, 68-74. doi: 10.1016/j.psyneuen.2016.11.024

2015

24. **King, L.S.**, Osofsky, J.D., Osofsky, H.J., Weems, C.F., Hansel, T.C., & Fassnacht, G. (2015). Perceptions of trauma and loss among children and adolescents exposed to multiple disasters: A mixed-methods study. *Current Psychology*, 34, 524-536. doi: 10.1007/s12144-015-9348-4
25. Osofsky, J.D., Osofsky, H.J., Weems, C.F., **King, L.S.**, & Hansel, T.C. (2015). Trajectories of posttraumatic stress disorder among youth exposed to both natural and technological disasters. *Journal of Child Psychology and Psychiatry*, 56, 1347-1355. doi: 10.1111/jcpp.12420

2014

26. Bosquet Enlow, M., **King, L.S.**, Schreier, H.M.C., Howard, J.M., Rosenfield, D., Ritz, T., & Wright, R.J. (2014). Maternal sensitivity and infant autonomic and endocrine stress responses. *Early Human Development*, 90, 377-385. doi: 10.1016/j.earlhumdev.2014.04.007.
27. Osofsky, J.D., Osofsky, H.J., Weems, C.F., Hansel, T.C., & **King, L.S.** (2014). Effects of stress related to the Gulf Oil Spill on child and adolescent mental health. *Journal of Pediatric Psychology*, 41, 201-214. doi: 10.1093/jpepsy/jsu085.

Books and Book Chapters

1. Humphreys, K.L., **King, L.S.**, Gotlib, I.H. (2018). Neglect. In C.H. Zeanah (Ed.), *Handbook of infant mental health* (4th ed). Guilford Press.
2. **King, L.S.** & Osofsky, J.D. (2018). Violence in childhood and adolescence: An interpersonal–developmental perspective. In JD Osofsky & B McAlister Groves (Eds.), *Violence and trauma in the lives of children* (pp. 9-28). Santa Barbara, CA: Praeger.
3. Osofsky, J.D., Stepka, P., & **King, L.S.** (2017). *Treating infants and young children impacted by trauma: Interventions that promote healthy development*. Washington, DC: American Psychological Association.

Research Grants

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| 2020-2022 | NICHD R03 (R03-HD101714-01)
<i>The Effects of Maternal Early Life Stress on Perinatal Hair Cortisol Concentration: Implications for Infant Cortisol and Brain Volume</i>
Role: Primary Author |
| 2020-2021 | Stanford Institute for Research in the Social Sciences Dissertation Fellowship.
<i>Dimensions of the language environment in infancy: Associations with infant resting-state brain function and risk for psychopathology in toddlerhood</i>
Role: Principal Investigator |
| 2019-2020 | American Psychological Foundation Elizabeth Munsterberg Koppitz Fellowship
<i>Maternal Life Stress, Prenatal Inflammation, and the Developmental Origins of Childhood Temperament</i>
Role: Principal Investigator |
| 2019-2020 | Stanford Child Health Research Institute Transdisciplinary Initiatives Program
<i>Prenatal Predictors of Child Mental Health: Testing a Neurobiological Model of Children's Risk for Psychopathology</i>
Role: Co-author |
| 2017-2019 | NICHD R21(R21-HD090493)
<i>Effects of Neglect on the Neural and Endocrinological Characteristics of Infants</i>
Role: Co-author |
| 2017-2019 | NIMH R21(1R21-MH111978)
<i>The Role of Caregiver Social Processes on Neural and Endocrine Function in Infants</i>
Role: Co-author |
| 2016-2019 | NSF Graduate Research Fellowship Award
<i>Early Stress and Patterns of Diurnal Cortisol Regulation: A Person-Centered Approach</i>
Role: Principal Investigator |

Research Talks and Lectures

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| 2020 | Seminar, Affective Science, Stanford University |
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Dimensions of Language Exposure in Infancy: Associations with Emerging Psychopathology and Brain Function

- 2019 Maternal & Child Health Research Institute Seminar Series, Stanford University
Intergenerational Transmission of Psychopathology
- 2019 Conference Symposium, Society for Research in Child Development
Associations of the Severity of Early Life Stress with the Coupling of Cortisol and DHEA from Earlier to Later Puberty
- 2019 Lecture, Introduction to Developmental Psychology, Stanford University
Developmental Psychopathology
- 2019 Seminar, Affective Science, Stanford University
Characterizing the Perinatal Environment
- 2018 Seminar, Affective Science, Stanford University (Prospective Students' Weekend)
Infant Cortisol Responses to the Still-Face Paradigm
- 2017 Lecture, Introduction to Cognitive Development, Stanford University
Developmental Cognitive Neuroscience
- 2017 Seminar, Affective Science, Stanford University
Dimensions of Caregiving Deprivation in Infancy
- 2016 Seminar, Affective Science, Stanford University
The Impact of the Severity of Early Life Stress on Diurnal Cortisol Regulation: The Role of Puberty

Conference Presentations (selected)

Mentee co-author

Under Review

1. Humphreys, K.L., **King, L.S.**, Guyon-Harris, K., Sheridan, M.A., McLaughlin, K.A., Nelson, C.H., Fox, N.A., Zeanah, C.H. (2021). Persisting effects of foster care as an alternative to institutional care for institutionalized young children. Paper submitted for presentation at the 2021 Biennial Meeting of the Society for Research in Child Development (virtual).
2. Feddoes, D.[#], **King, L.S.**, Humphreys, K.L., Gotlib, I.H. (2021). Poster submitted for presentation at the 2021 Biennial Meeting of the Society for Research in Child Development (virtual).
3. **King, L.S.**, Guyon-Harris, K., Fox, N.A., Nelson, C.H., Zeanah, C.H., Humphreys, K.H. (2021). Multi-level analysis of foster care as an alternative to institutionalization on biobehavioral outcomes across childhood. Paper submitted for presentation at the 2021 Biennial Meeting of the Society for Research in Child Development (virtual).

2020

4. Humphreys, K.L., **King, L.S.**, Dennis, E.L., Gotlib, I.H. (2020). Maternal intrusiveness and infant hippocampal volume. Paper presented at the 2020 International Society for Developmental Psychobiology Conference (virtual).
5. **King, L.S.**, Humphreys, K.L., Dennis, E.L., Querdasi, F.R., Segarra, J.R., Gotlib, I.H. (2020). Sex dependent associations of cortisol reactivity with hippocampal volume at age six months. Poster accepted to the 2020 Social Affect Neuroscience Conference in Santa Barbara, CA (rescheduled to 2021 due to COVID-19).

2019

6. Humphreys, K.L., **King, L.S.**, Dennis, E.L., Querdasi, F.R., Segarra, J.R., Sisk, L.M., Camacho, M.C., & Gotlib, I.H. (2019). Stress and infant amygdala volume: Exploring the specificity of preconception, gestation, and post-birth stress exposure. Paper presented at the 2019 Developmental Affective Neuroscience Symposium in Pittsburgh, PA.
7. **King, L.S.**, Graber, M.[#], Gotlib, I.H. (2019). Associations of the severity of early life stress with the coupling of cortisol and DHEA from earlier to later puberty. Paper presented at the 2019 Society for Research in Child Development Biennial Meeting in Baltimore, MD.
8. Querdasi, F.R.[#], **King, L.S.**, Humphreys, K.L., & Gotlib, I.H. (2019). Infant and mother cortisol responses to the Still-Face Procedure. Poster presented at the 2019 Society for Research in Child Development Biennial Meeting in Baltimore, MD.
9. Sisk, L.M.[#], **King, L.S.**, Camacho, M.C., Ellwood-Lowe, M.E., Humphreys, K.L., & Gotlib, I.H. (2019) Infant resting-state connectivity of inferior frontal gyrus is associated with linguistic environment. Poster presented at the 2019 Society for Research in Child Development Biennial Meeting in Baltimore, MD.

2018

10. Garcia, C.M.[#], **King, L.S.**, Humphreys, K.L., & Gotlib, I.H. (2018). Infant distress responses to the Still-Face Procedure: Associations with maternal sensitivity and intrusiveness. Poster presented at the 2018 Association for Psychological Science Conference, San Francisco, CA.
11. **King, L.S.**, Graber, M.[#], Price, A.N. [#], & Gotlib, I.H. (2017). Beyond cumulative risk: Patterns of early life stress and mental health symptoms in early adolescence. Poster to be presented at the 2017 Biennial Meeting for the Society for Research in Child Development, Austin, TX.
12. **King, L.S.**, Humphreys, K.L., & Gotlib, I.H. (2018). Maternal sensitivity is associated with profiles of infant cortisol reactivity. Poster presented at the 2018 American Psychological Association Conference for the Cutting-Edge Research from Emerging Psychological Scientists session, San Francisco, CA.
13. Ojha, A., Camacho, M.C., **King, L.S.**, Humphreys, K.L., & Gotlib, I.H. (2018). Infant regional cerebral blood flow is correlated with maternal sensitivity following social stress. Poster presented at the 2018 Society for Affective Neuroscience Conference, New York, NY.

14. Rangel, E.[#], **King, L.S.**, & Manber, R. (2018). Mothers' objective time awake after sleep onset is associated with lower observed sensitivity during a parent–infant interaction in the postpartum period. Poster presented at the 2018 Association for Behavioral and Cognitive Sciences Conference, Washington, DC.
15. Strickland, M.G.[#], **King, L.S.**, Humphreys, K.L., & Gotlib, I.H. (2018). Associations of maternal symptoms of anxiety and depression with the emotional content of naturalistic infant-directed speech. Poster presented at the 2018 Association for Psychological Science Conference, San Francisco, CA.

2016

16. **King, L.S.**, Colich, N.L., LeMoult, J., & Gotlib, I.H. (2016). The impact of early life stress on diurnal cortisol: The role of puberty. Poster presented at the 2016 Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA.
17. Price, A.N.[#], **King, L.S.**, LeMoult, J., & Gotlib, I.H. (2016). Elevated diurnal cortisol secretion predicts internalizing symptoms in early pubertal boys. Poster presented at the 2016 Annual Meeting of the Society of Biological Psychiatry, Atlanta, GA.
18. Taylor, S.J.[#], **King, L.S.**, Colich, N.L., & Gotlib, I.H. (2016). Relations between family stress, diurnal cortisol, and the development of depression in adolescent girls. Poster presented at the Annual Meeting of the Society of Research in Psychopathology, Baltimore, MD.

2015

19. **King, L.S.**, Osofsky, J.D., Osofsky, H.J., & Hansel, T.C. (2015). Long-term recovery of children exposed to Hurricane Katrina: A six-year longitudinal study. Poster presented at the 2015 Biennial Meeting for the Society for Research in Child Development, Philadelphia, PA.

Teaching and Mentoring

Course Assistant

Spring 2020	Introduction to Abnormal Psychology (Dr. Amie Haas)
Winter 2020	Community Health Psychology (Dr. Catherine Heaney)
Fall 2019-	Graduate-Level Statistics Consultant (Department of Psychology)
Spring 2021	
Spring 2019	Introduction to Personality and Affective Science (Dr. Jeanne Tsai)
Winter 2019	Introduction to Statistical Methods (Head Assistant) (Dr. Russ Poldrack)
Fall 2017	Introduction to Cognitive Development (Dr. Hyo Gweon)
Winter 2016	Introduction to Statistical Methods (Dr. Karen Laroque)
Fall 2016	Topics in Depression (Dr. Ian Gotlib)

Course Design

Summer 2019	Introduction to Statistical Methods (Dr. Russ Poldrack)
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Mentoring (Name, Current Position)

Stanford Undergraduates

Cheyenne Garcia	Research Analyst, UCSF Center for Vulnerable Populations
Abigail Graber	Stanford Undergraduate Major in Psychology
Madeleine Graber	Law Student, UC Berkeley
Mahnoor Hyat	Stanford Undergraduate Major in Psychology

Stanford Research Staff

Daisy Feddoes	Research Coordinator, Stanford Neurodevelopment and Psychopathology Lab
Alexandria Price	Associate Clinical Social Worker, Bay Area Clinical Associates
Francesca Querdasi	PhD Student, UCLA, Clinical Psychology
Elizabeth Rangel	PhD Student, UCSD, Clinical Psychology
Marissa Roth	PhD Student, Vanderbilt University, Clinical Psychology
Lucinda Sisk	PhD Student, Yale University, Neuroscience
Sarah Taylor	PhD Student, University of Michigan, Clinical Psychology

Academic Service

Department of Psychology, Stanford University

2020-	Anti-Racism Reading Group (Creator & Co-Leader)
2019-	Media Committee (Member)
2019	Teaching Assistant Workshop for junior graduate students (Presenter)
2018-2019	Diversity Committee (Member)
2017	Affective Science Seminar (Organizer)
2017	Prospective Students' Weekend (Organizer)
2015-	Class Representative

Service to the Field

2018-2019	Assistant, Statistical Thinking for the 21 st Century, Dr. Russ Poldrack Assisted in reviewing and editing Dr. Russ Poldrack's open-source undergraduate statistics textbook Statistical Thinking for the 21 st Century (statstinking21.org)
2017-2019	Organizer, Paths to PhD, Department of Psychology, Stanford University Assisted in leading annual workshop for underrepresented minority students interested in applying to graduate programs in psychology
2015-	Journal Reviewer Biological Psychiatry, Child Neuropsychology, Child & Youth Care Forum, Current Psychology, Developmental Cognitive Neuroscience, Environmental Hazards, Hormones and Behavior, International Journal of Disaster Risk Reduction, Journal of Child Psychology and Psychiatry, Neuropsychobiology, Nature & Science of Sleep, Psychological Medicine