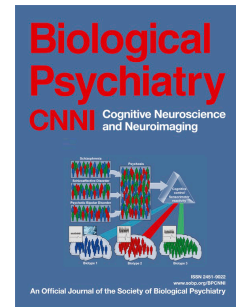


# Accepted Manuscript

A Link between Childhood Adversity and Trait Anger Reflects Relative Activity of the Amygdala and Dorsolateral Prefrontal Cortex

M. Justin Kim, Matthew A. Scult, Annchen R. Knodt, Spenser R. Radtke, Tracy C. d'Arbeloff, Bartholomew D. Brigidi, Ahmad R. Hariri



PII: S2451-9022(18)30069-7

DOI: [10.1016/j.bpsc.2018.03.006](https://doi.org/10.1016/j.bpsc.2018.03.006)

Reference: BPSC 259

To appear in: *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*

Received Date: 21 December 2017

Revised Date: 27 February 2018

Accepted Date: 13 March 2018

Please cite this article as: Kim M.J., Scult M.A., Knodt A.R., Radtke S.R., d'Arbeloff T.C., Brigidi B.D. & Hariri A.R., A Link between Childhood Adversity and Trait Anger Reflects Relative Activity of the Amygdala and Dorsolateral Prefrontal Cortex, *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging* (2018), doi: 10.1016/j.bpsc.2018.03.006.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Article Type: Archival Report

A LINK BETWEEN CHILDHOOD ADVERSITY AND TRAIT ANGER REFLECTS RELATIVE  
ACTIVITY OF THE AMYGDALA AND DORSOLATERAL PREFRONTAL CORTEX

Running head: Childhood trauma, trait anger, amygdala-PFC activity

M. Justin Kim<sup>\*</sup>, Matthew A. Scult, Annchen R. Knodt, Spenser R. Radtke, Tracy C.  
d'Arbeloff, Bartholomew D. Brigidi & Ahmad R. Hariri

Laboratory of NeuroGenetics, Department of Psychology and Neuroscience, Duke  
University, Durham, NC 27708, USA

<sup>\*</sup>Correspondence:

Justin Kim, PhD  
Laboratory of NeuroGenetics  
Department of Psychology and Neuroscience  
Duke University  
Durham, NC 27708, USA  
Phone: (919) 684-1039  
Email: justin.kim@duke.edu

Keywords: childhood adversity, trait anger, prefrontal cortex, amygdala, fMRI, executive  
control

Word count: Abstract (175 words), Main Text (3049 words)

2 Figures, 0 Tables

1 Supplemental Material (1 Supplemental Figure, 1 Supplemental Table)

Download English Version:

<https://daneshyari.com/en/article/8814458>

Download Persian Version:

<https://daneshyari.com/article/8814458>

[Daneshyari.com](https://daneshyari.com)