

## Accepted Manuscript

Title: Early Life Stress, Air Pollution, Inflammation, and Disease: An Integrative Review and Immunologic Model of Social-Environmental Adversity and Lifespan Health

Authors: Hector A. Olvera Alvarez, Laura D. Kubzansky, Matthew J. Campen, George M. Slavich



PII: S0149-7634(17)30857-6  
DOI: <https://doi.org/10.1016/j.neubiorev.2018.06.002>  
Reference: NBR 3145

To appear in:

Received date: 17-11-2017  
Revised date: 30-5-2018  
Accepted date: 1-6-2018

Please cite this article as: Olvera Alvarez HA, Kubzansky LD, Campen MJ, Slavich GM, Early Life Stress, Air Pollution, Inflammation, and Disease: An Integrative Review and Immunologic Model of Social-Environmental Adversity and Lifespan Health, *Neuroscience and Biobehavioral Reviews* (2018), <https://doi.org/10.1016/j.neubiorev.2018.06.002>

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.

Running Head: EARLY LIFE STRESS, AIR POLLUTION, & DISEASE

**Early Life Stress, Air Pollution, Inflammation, and Disease: An Integrative Review  
and Immunologic Model of Social-Environmental Adversity and Lifespan Health**

Hector A. Olvera Alvarez<sup>\*a</sup>, Laura D. Kubzansky<sup>b</sup>, Matthew J. Campen<sup>c</sup>, & George M. Slavich<sup>d</sup>

<sup>a</sup> School of Nursing, University of Texas at El Paso, El Paso, TX, USA

<sup>b</sup> Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health,  
Boston, MA, USA

<sup>c</sup> Department of Pharmaceutical Sciences, University of New Mexico, Albuquerque, NM, USA

<sup>d</sup> Cousins Center for Psychoneuroimmunology and Department of Psychiatry and Biobehavioral  
Sciences, University of California, Los Angeles, CA, USA

Download English Version:

<https://daneshyari.com/en/article/7301621>

Download Persian Version:

<https://daneshyari.com/article/7301621>

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