

Accepted Manuscript

Sex and age differences in the associations between sleep behaviors and all-cause mortality in older adults: results from the National Health and Nutrition Examination Surveys

Hind A. Beydoun, May A. Beydoun, Xiaoli Chen, Jen Jen Chang, Alyssa A. Gamaldo, Shaker M. Eid, Alan B. Zonderman

PII: S1389-9457(17)30215-0

DOI: [10.1016/j.sleep.2017.05.006](https://doi.org/10.1016/j.sleep.2017.05.006)

Reference: SLEEP 3399

To appear in: *Sleep Medicine*

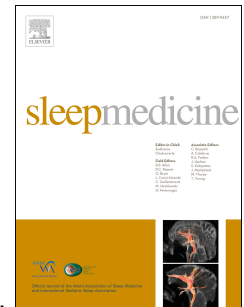
Received Date: 8 March 2017

Revised Date: 9 May 2017

Accepted Date: 10 May 2017

Please cite this article as: Beydoun HA, Beydoun MA, Chen X, Chang JJ, Gamaldo AA, Eid SM, Zonderman AB, Sex and age differences in the associations between sleep behaviors and all-cause mortality in older adults: results from the National Health and Nutrition Examination Surveys, *Sleep Medicine* (2017), doi: 10.1016/j.sleep.2017.05.006.

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.



Sex and age differences in the associations between sleep behaviors and all-cause mortality in older adults: results from the National Health and Nutrition Examination Surveys

Hind A. Beydoun ^{a,*}, May A. Beydoun ^{b,*†}, Xiaoli Chen ^c, Jen Jen Chang ^d, Alyssa A. Gamaldo ^e, Shaker M. Eid ^{a,†}, Alan B. Zonderman ^{b,†}

^a School of Medicine, Johns Hopkins University, Baltimore, MD, USA

^b Intramural Research Program, National Institute on Aging, Baltimore, MD, USA

^c Massachusetts Department of Public Health, Boston, MA, USA

^d Saint Louis University, College of Public Health and Social Justice, Department of Epidemiology, St Louis, MO, USA

^e Human Development and Family Studies, Pennsylvania State University, State College, PA, USA

* Co-first authors; [†] co-senior authors.

[†] Corresponding author: NIH Biomedical Research Center, National Institute on Aging, Intramural Research Program 251 Bayview Blvd, Suite 100, Room #: 04B118, Baltimore, MD 21224, USA. Fax: +1 410 558 8236.

E-mail: baydounm@mail.nih.gov (M.A. Beydoun).

Download English Version:

<https://daneshyari.com/en/article/5643576>

Download Persian Version:

<https://daneshyari.com/article/5643576>

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