### Accepted Manuscript

Title: Brain Structural Markers and Caregiving Characteristics as Interacting Correlates of Caregiving Strain

Author: Stephen F. Smagula, Scott Beach, Andrea L. Rosso, Anne B. Newman, Richard Schulz

PII: S1064-7481(17)30210-5

DOI: http://dx.doi.org/doi: 10.1016/j.jagp.2017.02.015

Reference: AMGP 794

To appear in: The American Journal of Geriatric Psychiatry

Received date: 7-11-2016 Revised date: 5-2-2017 Accepted date: 16-2-2017



Please cite this article as: Stephen F. Smagula, Scott Beach, Andrea L. Rosso, Anne B. Newman, Richard Schulz, Brain Structural Markers and Caregiving Characteristics as Interacting Correlates of Caregiving Strain, *The American Journal of Geriatric Psychiatry* (2017), http://dx.doi.org/doi: 10.1016/j.jagp.2017.02.015.

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.

## ACCEPTED MANUSCRIPT

#### BRAIN STRUCTURE AND STRAIN IN CAREGIVERS

# Brain structural markers and caregiving characteristics as interacting correlates of caregiving strain

Stephen F. Smagula<sup>1</sup>, Scott Beach<sup>2</sup>, Andrea L. Rosso<sup>3</sup>, Anne B. Newman<sup>3</sup>, Richard Schulz<sup>1</sup>

- Department of Psychiatry, Western Psychiatric Institute and Clinic of University of Pittsburgh Medical Center, Pittsburgh, PA, USA;
- University Center for Social and Urban Research (UCSUR), University of Pittsburgh,
  PA, USA;
  - 3. Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, PA, USA;

### Corresponding author:

Stephen F. Smagula, PhD

Department of Psychiatry

Western Psychiatric Institute and Clinic

University of Pittsburgh Medical Center

3811 O'Hara St, Pittsburgh, PA 15213

Email: sfs26@pitt.edu

Phone: 412-246-5741

Fax: 412-586-9111

Funding Support: This research was supported by contracts N01HC15103,

HHSN268201200036C, HHSN268200800007C, N01HC55222, N01HC85079, N01HC85080,

N01HC85081, N01HC85082, N01HC85083, N01HC85086, and grants U01HL080295 and

U01HL130114 from the National Heart, Lung, and Blood Institute (NHLBI), with additional

### Download English Version:

# https://daneshyari.com/en/article/5625839

Download Persian Version:

https://daneshyari.com/article/5625839

<u>Daneshyari.com</u>