

# Accepted Manuscript

## Research Article

Dual- task interference disrupts Parkinson's gait across multiple cognitive domains

Amanda L. Penko, Matthew C. Streicher, Mandy Miller Koop, Tanujit Dey, Anson B. Rosenfeldt, Andrew S. Bazyk, Jay L. Alberts

PII: S0306-4522(18)30212-4

DOI: <https://doi.org/10.1016/j.neuroscience.2018.03.021>

Reference: NSC 18359

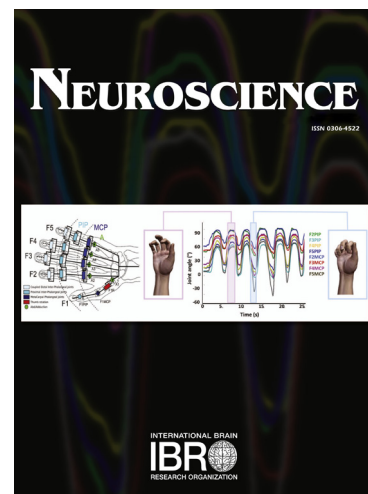
To appear in: *Neuroscience*

Received Date: 22 November 2017

Accepted Date: 15 March 2018

Please cite this article as: A.L. Penko, M.C. Streicher, M.M. Koop, T. Dey, A.B. Rosenfeldt, A.S. Bazyk, J.L. Alberts, Dual- task interference disrupts Parkinson's gait across multiple cognitive domains, *Neuroscience* (2018), doi: <https://doi.org/10.1016/j.neuroscience.2018.03.021>

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.



Dual- task interference disrupts Parkinson's gait across multiple cognitive domains

Amanda L. Penko, PhD<sup>a</sup>, Matthew C. Streicher, M.S.<sup>a</sup>, Mandy Miller Koop, PhD<sup>a</sup>, Tanujit Dey, PhD<sup>c</sup>, Anson B. Rosenfeldt, PT, DPT<sup>a</sup>, Andrew S. Bazyk, B.S.<sup>a</sup>, Jay L. Alberts, PhD<sup>ab</sup>

<sup>a</sup> Department of Biomedical Engineering, Cleveland Clinic, Cleveland, OH

<sup>b</sup> Center for Neurological Restoration, Cleveland, Cleveland Clinic, OH

<sup>c</sup> Department of Quantitative Health Sciences, Cleveland Clinic, OH

Corresponding author: Jay L. Alberts

Cleveland Clinic/ND/20

9500 Euclid Ave.

Cleveland, OH 44195

USA

216-445-3222

albertj@ccf.org

Download English Version:

<https://daneshyari.com/en/article/8840787>

Download Persian Version:

<https://daneshyari.com/article/8840787>

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