

Welcome Columbia University

[Home](#) [Feedback](#) [Support](#) [Log on / Register](#) 22-Jun-2010


My F1000 | **Browse** | **Register** | **Top 10s** | **Advanced Search** | **My Details** | **About** | **Faculty Members** | **F1000 Reports** **NEW**

Recommended

F1000 Factor **3.0**

EndNote

Why don't we move faster? Parkinson's disease, movement vigor, and implicit motivation.

Mazzoni P, Hristova A, Krakauer JW

J Neurosci 2007 Jul 4 **27**(27):7105-16 [[abstract on PubMed](#)] [[citations on Google Scholar](#)][[related articles](#)] [[full text](#)] [[order article](#)]**Selected by** | Kent Berridge

Evaluated 17 Jul 2007

[Relevant Sections](#)

Faculty Comments & Author Responses

Faculty Member

Kent Berridge

University of Michigan,
United States of America
Neuroscience

Hypothesis

Comments

This interesting paper suggests that nigrostriatal dopamine systems in humans may mediate 'motor motivation', which Parkinson's disease impairs. Mazzoni, Hristova, and Krakauer report that the fastest movements of Parkinson's patients equal the fastest of normal subjects, but that the probability of fast movements is reduced, and suggest that reduction in implicit motivation to incur energetic cost may explain the pattern.

Competing interests: None declared

Evaluated 17 Jul 2007

[How to cite this evaluation](#)

Faculty Comments & Author Responses

How to cite the Faculty of 1000 Biology evaluation(s) for this paper

1) To cite all the evaluations for this article:

Faculty of 1000 Biology: evaluations for Mazzoni P et al *J Neurosci* 2007 Jul 4 27 (27) :7105-16 <http://f1000biology.com/article/id/1088754/evaluation>

2) To cite an evaluation by a specific Faculty member:

Kent Berridge: Faculty of 1000 Biology, 17 Jul 2007 <http://f1000biology.com/article/id/1088754/evaluation>