



PARKINSON'S DISEASE

## SPOTLIGHT ON PARKINSON'S DISEASE: GETTING MOTIVATED TO MOVE!

WEDNESDAY, JULY 10, 2019



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# WELCOME AND INTRODUCTIONS



Stephanie Paul Senior Vice President Development and Marketing American Parkinson Disease Association







### PRESENTATION



Terry Ellis, PhD, PT Board Certified Clinical Specialist in Neurologic Physical Therapy Associate Professor and Chair, Department of Physical Therapy & Athletic Training Director, Center for Neurorehabilitation Boston University College of Health and Rehabilitation Sciences: Sargent College Boston, MA

AMERICAN PARKINSON DISEASE ASSOCIATION Strength In optimism. Hope in progress.

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## FINANCIAL DISCLOSURES

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Honoraria: None

**Speaker's Bureau:** American Physical Therapy Association; Neurology Section

Equity & Consulting Agreements: None





#### LATEST GUIDELINES: EXERCISE & PHYSICAL ACTIVITY

- Move more and sit less
- · Some physical activity is better than none
- For substantial health benefits, exercise at least 150 minutes (2 hours, 30 minutes) per week of <u>></u> moderate intensity aerobic exercise
- Muscle strengthening exercises of <u>></u> moderate intensity involving all major muscle groups at least 2 days per week
- Balance exercise at least 2 days per week

US Department of Health & Human Services: https://health.gov/paguidelines/second-editioa/







#### WHAT GETS IN THE WAY? BARRIERS TO EXERCISE

















## MOTIVATORS OF EXERCISE

Do You Enjoy Exercise? Make it Fun!









#### MOTIVATORS OF EXERCISE

Higher Self Efficacy contributed to the probability of exercising

Higher Self Efficacy was observed in those with PD who were exercising successfully



Ellis et al., 2011; Lee et al., 2015

























#### SOCIAL SUPPORT: COMMUNITY BASED EXERCISE PROGRAMS









### Accuracy of Activity Trackers in Parkinson Disease: Should We Prescribe Them?

Nicholas Wendel, Chelsea E Macpherson, Karoline Webber, Kathryn Hendron, Tamara DeAngelis, Cristina Colon-Semenza and Terry Ellis







## Spotlight on Parkinson's Disease: Getting Motivated to Move!

















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### EXERCISE INTERVENTION









# RESULTS







#### SUMMARY: INCREASING MOTIVATION AND LONG-TERM ENGAGEMENT IN EXERCISE

- Enjoyment!
- · Goal Setting
- Action Planning
- Mastery Experiences: experiencing success
- Social Support / Persuasion
- Vicarious Experiences: seeing someone like you achieve success
- Activity Trackers & Mobile Apps: Reinforcing effort or progress toward behavior (self-monitoring, feedback, rewards)
- Coaching: Instruction from knowledgeable health care professional
- Habit Formation: experiencing benefits reinforces the behavior

1. Schwarzer R et al., 2017; 2. Williams SL et al., 2011; 3. Olander EK et al., 2013; 4. Bandura, 1977

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APDA NATIONAL REHABILITATION RESOURCE CENTER AT BOSTON UNIVERSITY

Questions about exercise....call:

## National Exercise Helpline 1-888-606-1688 or <u>rehab@bu.edu</u>

Funded by the National APDA and MA Chapter

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### **QUESTION & ANSWER**



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#### FOR ADDITIONAL INFORMATION, ANSWERS TO YOUR QUESTIONS, OR FOR ADDITIONAL RESOURCES

Please visit our website apdaparkinson.org

Or call us **1-800-223-2732** 



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