



2010 MEDLI Spring Meeting

Gaming, Exer-games and Behavior, Cognition, and Neuro-plasticity

Dance Dance Revolution, Guitar Hero, Wii Fit

April 27, 2010

Northport VA Medical Center Library

AGENDA

9:30AM:

Registration &
Refreshments

10:00AM- 12:00PM:

Presentation

12:00PM:

Business Meeting

Much of the focus of digital games for health has been on gaming psychology and behavior: How do people feel when they play? Is it fun? Does game play change your behavior (e.g. make you more fit, or coordinated, or healthy)? However, the complex interactions between humans and computers are not well understood. The effect of gaming on the brain is of interest to the military, parents, educators, and soft-hardware developers.

On April 27, 2010, Shaw Bronner and J. Adam Noah will present functional brain imaging (fMRI) in healthy adults and adults with Parkinson's disease who have played *StepMania*, an open-source dance video game similar to *Dance Dance Revolution*. They will discuss why dance and other music video gaming are effective for rehabilitation and exercise, giving specifics of behavioral and cognitive change. They will also discuss the implications of their research for other populations as well as discuss other types of exer-games.

Participants will have the opportunity to experience exer-gaming for themselves—so be sure to wear comfy clothes and shoes.

Presented By: Shaw Bronner PhD, PT & J. Adam Noah PhD, ADAM Center, Long Island University, Brooklyn Campus

Shaw & Adam are one of nine research teams chosen to investigate how digital games can improve patients' health behaviors and outcomes. Their project, "Dance Video Game Training and Falling in Parkinson's Disease," was chosen by the national Health Games Research program, which is funded by the Robert Wood Johnson Foundation.

REGISTRATION FORM

Name: _____ Institution: _____

Email: _____ Phone: _____

FEE: ___MEDLI Member: \$15 ___Non-member: \$30*

**Get a FREE MEDLI membership (good till June 2011) when you register for this program.*

Please return this form along with check payable to MEDLI by April 20, 2010 to:

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