MUSIC AND NEUROSCIENCE IN PARKINSON’S DISEASE
Featuring Dr. Elizabeth L. Stegemöller
Iowa State University

April 13, 2018 | 12:00 - 1:15 pm | H&K112
Parking Available in Lot T

ABOUT DR. STEGEMÖLLER
Dr. Stegemöller is an Assistant Professor at Iowa State University. Her research focus is to determine how music and/or music therapy facilitates movement and modulates associated brain activity in persons with Parkinson’s disease (PD). She currently has funded projects examining the effects of music/singing on swallow, stress and inflammation, repetitive movements, and associated neurophysiology in persons with PD. Dr. Stegemöller also has over 30 publications in her young career. Along with her research, she offers several outreach programs for persons with PD, including weekly singing, dance, yoga, and boxing groups, and well as yearly events such as the PD Singing Festival and Dancing with the Students Spring Show. Dr. Stegemöller is very passionate about her work and hopes that through her research and outreach efforts, she can contribute to the development of new and innovated therapies involving music that demonstrate effectiveness of music therapy in treatment and care of persons with PD.

LEARNING OBJECTIVES
• Participants will review the definition and practice of music therapy, as well as why music therapy works from a neuroplasticity perspective.
• Participants will review the results and benefits of singing in Parkinson’s disease.
• Participants will review the results of the effects of music on motor cortical activity in healthy young adults and future directions for persons with Parkinson’s disease.

The presenter, Elizabeth L. Stegemöller, Ph.D., and the planning committee, Nick Stergiou, Ph.D., Jeffrey Kaipust, M.S., Angela Collins, B.S., and Jackie Farley, CPP have no financial conflict of interest to disclose.

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