CONCURRENT SESSIONS **BLOCK I** 1:30 PM - 2:45 PM

Rehabilitation with Music: What is Known and How We Collaborate As NMTs (Erin Wegener, Alika Seu, Kathleen Howland) #294343

THU **CONCURRENT SESSIONS BLOCK 2** 10:30 AM - 11:45 AM

Arts & Neuroscience: Review of Evidence for Dance-based Interventions in Neurorehabilitation (Lise Worthen-Chaudhari, The Ohio State University; Madeleine Hackney) #297003

CONCURRENT SESSIONS **BLOCK 3** 1:45 PM - 3:00 PM

GOT RHYTHM?

The Music and Motor Connection in Neurorehabilitation (Dwyer Conklyn, Francois Bethoux, Darlene Stough, Lisa Gallagher, Elizabeth Stegemoller) #294023

CONCURRENT SESSIONS **BLOCK 4** 5:00 PM - 6:15 PM

Cognition And The Role of Music in Clinical Neurorehabilitation (Kathleen Howland, Berklee College of Music) #299326 AN, BI, PED Attention is the bedrock of all cognition. As a temporal art, music has the capacity to engage and sustain attention for extended periods. This is an important clinical tool in the assessment and treatment of attention-based issues, notably in dementia, stroke and brain injury including disorders of consciousness. The neurologic circuitry of attention will be presented along with a discussion and demonstration of how music therapy protocols can address this area of functioning.

FRI CONCURRENT SESSIONS **BLOCK 5**

10:30 AM - 11:45 AM

SPECIAL SYMPOSIUM

(TENTATIVE) STROKESTRA: Holistic Stroke Rehabilitation Through Creative Music-Making (Lisa Rodio, Carol Hargreaves, Clare Nicholson, Tim Steiner) #300065 AN, ST

CONCURRENT SESSIONS BLOCK 6 2:30 PM - 3:45 PM

Speaking of the Arts...The Interplay of Music and Speech in the Neurorehabilitation Process (Kathleen Howland, Ellayne Ganzfried, Dwyer Conklin) #300354

The Next Octave in Stroke Rehabilitation: A Collaborative Approach to Music Therapy and Occupational Therapy (Danielle Porter, Danielle Parmenter) CROSS-TAGGED WITH ST #292645 ST, AN

SAT CONCURRENT SESSIONS **BLOCK 7** $9:45~\mathrm{AM}-\mathrm{II}:00~\mathrm{AM}$

CONCURRENT SESSIONS

BLOCK 8

II:30 AM — I2:45 PM

PAPER SESSIONS



Sensory Stimulation and Music Therapy Programs for Treating Disorders of Consciousness (Wendy Magee, Caroline Schnakers) #296506 AN

CONCURRENT SESSIONS BLOCK 9 1:00 PM - 2:15 PM

The IMPROVment Method: Brain Body Health for Older Adults (Christina Soriano, Christina Hugenschmidt) #299144 AN, GER



CHAIR:

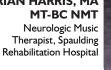
ESSION DETAIL



RON HIRSCHBERG, MD Physical Medicine and Rehabilitation, Spaulding Rehabilitation Hospital Massachusetts General Hospital

CHAIR-ELECT:

BRIAN HARRIS, MA MT-BC NMT Neurologic Music





Rhythmic auditory stimulation (RAS) was shown to improve gait in patients with central nervous system disorders. Patterns of cortical activation on functional MRI (fMRI) were identified in relation to walking and mental imagery of walking, in various populations. Seeking to determine the efficacy of RAS for the treatment of gait disturbance in patients with MS our team conducted three studies. These studies demonstrated improvement of gait parameters after a home walking program using RAS in individuals with MS while also showing changes in the pattern of cortical activation associated with mental imagery of walking.

PARTICIPATE JOIN THE ACRM **Arts & Neuroscience Group Meeting** FRI 7:00 AM - 8:00 AM | OIN us... Be Moved.

> **TOO MUCH TO PRINT!** www.ACRM.org/artscontent

SAT 3:15 - 4:15 PM the conference will end on a high note with a special session. Stay tuned for info. Sign-up to receive email alerts at ACRMconference.org.

40





