

CARRT is to present a “Dance Mobile Platform” performance in PAMA conference on March 8th at 7:30 PM in the Music Concert Hall

The Center of Assistive, Rehabilitation and Robotics Technologies (CARRT) is co-sponsoring the Performing Arts Medicine Association Conference (PAMA) on March 7-9, 2014. The conference will feature a CARRT technology-based man-machine performance segment “Emergent Form” at 7:30 PM on March 8th in the Music Concert Hall at the University of South Florida.

“Emergent Form” is a choreographic work exploring the intersections of robotics technology and human bodies. A response to the evolution of an increasingly cyborg culture, this performative work probes the possibilities of the fluid balance of these human-machine worlds through movement and motion. The robotic form is approached as the catalyst prompting or in some cases dictating change and creating a multiplicity of effects – shifting, complicating and re-configuring form and structure.

Showcasing a synthesis of research and creative collaboration on many levels, this choreographic work involved the co-development of a robotic mobility platform between dance faculty member, Merry Lynn Morris, and engineering faculty member, Dr. Redwan Alqasemi, and various students in the Center for Assistive Rehabilitation and Robotics Technologies (CARRT). Additionally, an original music composition was created by jazz musician Dr. John O’Leary, and thematic science concepts for the piece were explored in collaboration with David Fries/USF Marine Science.

The Performing Arts Medicine Conference is an interdisciplinary effort to showcase performing arts research with a focus upon musicians’ and dancers’ health and wellness. The concert will also include a full series of music performances and additional dance works. For ticket purchase information specifically for the concert: <http://boxoffice.arts.usf.edu/>. To register for the conference: www.cme.hsc.usf.edu/freetoplay

