Weekly Colloquium
Tuesday, 03/07/2017, 12:30pm, Billings Building – Rosedale Conference Room

“Stroke Rehabilitation Research Adventures”

Catherine E. Lang, PT, PhD
Professor of Physical Therapy, Occupational Therapy, Neurology
Associate Director for Movement Science PhD Program
Washington University

Stroke rehabilitation research adventures
This talk will provide an overview of two ongoing lines of research in the laboratory. The first one is a 10+ year investigation into dosing in stroke rehabilitation. Dr. Lang will share their steps along the pathway and then results from a recently completed clinical trial examining the influence of dose of movement training on upper limb functional outcomes. The second line of research investigates exogenous and endogenous agents that might be employed to magnify the benefits of movement training. Dr. Lang will share the early steps of this work, mechanistic barriers to design, and results to date from two agents. These two lines of research serve as solid examples of the endless adventures, challenges, and joys studying the human model of stroke.

Recent Publications
