



Weinberg Family  
Cerebral Palsy  
Center

## Save the Date:

# *Quantification of Impaired Arm Movement in Individuals with Pediatric Hemiplegia*

**Friday, January 31, 2020 | 12:00 PM - 1:00 PM**

### **Carroll Conference Room**

622 West 168th Street, PH11, New York, NY 10032

## GUEST SPEAKER **Dr. Nayo Hill**



Nayo Hill, PT, DPT is currently a PhD Candidate in Biomedical Engineering at Northwestern University. She received her Bachelor of Science in Engineering (Biomechanical) from Stanford University in 2012 and her Doctorate in Physical Therapy from Northwestern University in 2017. Her current research is focused on using quantitative techniques to understand the neurological factors underlying arm and hand impairment in individuals after childhood brain injury.

**Talk Info:** Pediatric hemiplegia resulting from a unilateral injury to the developing brain can impair the selective control of one arm, making routine tasks of daily living difficult or impossible. This talk will discuss a study designed to investigate the ability of this population to selectively control the shoulder and elbow joints during a high effort, ballistic reach and determine if there are differences based on injury timing during this multi-joint, dynamic task.

*We hope you can attend, feel free to bring a guest. No RSVP is required.*