

# SPINAL CORD PLASTICITY IN MOTOR CONTROL MEETING

## December 1 and 4, 2020

### Confirmed speakers:

**Jonathan Carp** (National Center for Adaptive Neurotechnologies)

**Sudarshan Dayanidhi** (Shirley Ryan Ability Lab)

**V. Reggie Edgerton** (University of California Los Angeles)

**Arthur W. English** (Emory University)

**James Krause** (Medical University of South Carolina)

**Alain Frigon** (Université de Sherbrooke)

**Charles J. Heckman** (Northwestern University)

**Jacob McPherson** (Washington University)

**Martin Oudega** (Shirley Ryan Ability Lab)

**Monica Perez** (Shirley Ryan Ability Lab)

**William Zev Rymer** (Northwestern University & Shirley Ryan Ability Lab)

**Jonathan Wolpaw** (National Center for Adaptive Neurotechnologies)



This virtual symposium will focus on the role of activity-dependent spinal cord plasticity in motor control and motor learning in health and disease. The topics addressed will include: spinal cord plasticity during motor learning and in response to trauma and disease; interactions between brain and spinal cord plasticity; physiological and anatomical mechanisms underlying spinal cord plasticity and its impact on behavior; induction and guidance of plasticity in spinal reflex pathways and in corticospinal connections; activity-dependent neuromuscular plasticity; therapeutic applications of spinal cord plasticity; and related subjects.

Visit [chp.musc.edu/research/nc-nm4r/conferences/spinal-plasticity](http://chp.musc.edu/research/nc-nm4r/conferences/spinal-plasticity) for registration and further details or contact Blair Dellenbach: [stecb@musc.edu](mailto:stecb@musc.edu) for additional information.