



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 <u>chp.musc.edu/research/nc-nm4r/conferences/spinal-plasticity</u> for registration and further details or contact Blair Dellenbach: <u>stecb@musc.edu</u> for additional information.

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