

NEUROPLASTICITY NETWORKING GROUP

WED
CONCURRENT SESSIONS
BLOCK 1
1:30 PM – 2:45 PM

Functional Plasticity in Neurorehabilitation of Stroke Survivors: Findings and Clinical Implications (Steven Wolf, Emory University School of Medicine; Department of Rehabilitation Medicine; Division of Physical Therapy, Lynne Gauthier, Michael Borich) #289922 NP, ST

THU
CONCURRENT SESSIONS
BLOCK 2
10:30 AM – 11:45 AM

Functional Plasticity in Neurorehabilitation of Spinal Cord Injury Survivors: Findings and Clinical Implications (Steven Wolf, Aiko Thompson, Randy Trumbower) #289911 NP, SCI

CONCURRENT SESSIONS
BLOCK 3
1:45 PM – 3:00 PM

Intensity in Aphasia Rehabilitation: Contrasting Perspectives From Neuroscience and Cognitive Psychology (Anastasia Raymer, Amy Rodriguez, Leora Cherney) #299022 NP, ST

CONCURRENT SESSIONS
BLOCK 4
5:00 PM – 6:15 PM

Translational Research on Early Brain Injury: Benefits and Limitations of Neuroplasticity (Jocelyne Bachevalier, Jessica Raper, Elisabeth Wilde, Harvey Levin) #302987 NP, BI

FRI
CONCURRENT SESSIONS
BLOCK 5
10:30 AM – 11:45 AM

SPECIAL SYMPOSIUM
#304380 NP, CC
"Plasticity and Rehabilitation in Focal Hand Dystonia"
MARK HALLET, MD,
Chief, Human Motor Control Section,
NINDS, NIH, NINDS



CONCURRENT SESSIONS
BLOCK 6
2:30 PM – 3:45 PM

Exploring mechanisms for alcohol abuse after TBI (Amy Herrold, John Corrigan, Alana Conti) #291889 NP, BI, CC



SAT
CONCURRENT SESSIONS
BLOCK 7
9:45 AM – 11:00 AM

PAPER SESSIONS



CONCURRENT SESSIONS
BLOCK 8
11:30 AM – 12:45 PM

Neuromodulatory Effects of rTMS + Amantadine with Chronic VS/ MCS: An Interdisciplinary Approach (Theresa Pape, Dulal Bhaumik, Runa Bhaumik, Trudy Mallinson, Ann Guernon, Elyse Walsh, Sherri Livengood) #300994 NP, BI, MES

CONCURRENT SESSIONS
BLOCK 9
1:00 PM – 2:15 PM

Progress in Brain-Computer Interface (BCI) Neuroprosthetics for Individuals with Motor Impairments (Marcia Bockbrader, Ian Burkhart, A. Bolu Ajiboye, Gaurav Sharma) #294487 NP, TEC, SCI

MORE:

www.ACRM.org/NPcontent



CO-CHAIR:



THERESA LOUISE-BENDER PAPE, DRPH, MA, CCC-SLP/L, FACRM
Clinical Neuroscientist
Hines VA Hospital

CO-CHAIR:



LYNNE GAUTHIER, PHD
Director, Neurorecovery and Brain Imaging Lab
Ohio State University Wexner Medical Center

Stay tuned for info on the **Neuroplasticity Lecture Luncheon**

THU 12:00 – 1:30pm only \$69

SESSION DETAIL

CNS plasticity is maintained within bounds and this is abnormal in patients with focal hand dystonia. Using functional magnetic resonance imaging (fMRI), we have evaluated writing and other tasks in normal subjects and patients with writer's cramp. In normal subjects when writing, there is selective activation of two regions, one in ventral premotor cortex and another in the parietal lobe, and there is strong connectivity between these two regions when writing. In patients this is impaired. If the abnormality arises from a plastic change, perhaps rehabilitation using repetitive good movements coupled with non-invasive brain stimulation can reverse the disorder.

“Dr. Hallett is a world-class neurologic researcher, clinician, scholar and kind mentor to many in the international rehabilitation community, and I feel extremely fortunate that the ACRM community has the opportunity to welcome him to Atlanta.”

—Mark A. Hirsch, PhD, Sr. Scientist, Carolinas Rehabilitation Director, Carolinas Department of Physical Medicine and Rehabilitation Core Laboratory; Director, Resident Research Education (PM&R) Dept of Physical Medicine and Rehabilitation, Carolinas Medical Center; Adjunct Associate

PARTICIPATE JOIN THE ACRM Neuroplasticity Networking Group Meeting

FRI 27 OCT 4:00 – 5:00 PM

