### PROGRAM

Evidence for the use of Brain Gaming in Older Adults

with Cognitive Impairment

(Sandra Kletzel, Pallavi Sood, Xiaolei Hu,

Ahmed Negm, Shilpa Krishnan, Patricia Heyn)

#294645 MES, ND, GER

WED

**BLOCK I** 

I:30 PM - 2:45 PM

CONCURRENT SESSIONS

# **MEASUREMENT** MES

MEASUREMENT

NETWORKING GROUP

## **CHAIR:**



#### TRUDY MALLINSON, PHD,

OTR/L George Washington University University of Florida

#### **CHAIR-ELECT:**

NOELLE CARLOZZI, PHD University of Michigan





ALLEN W. HEINEMANN, PHD, ABPP (RP), FACRM Northwestern University and Rehabilitation Institute of Chicago

#### **THREE-PART SERIES**

The Health Services Research Taskforce (within the Measurement Networking Group) and the Military/Veteran's Affairs Networking Group are collaborating on a three-part symposium on rehabilitation-related HSR. We will I) provide an overview of the current HSR environment, 2) introduce ACRM members who are conducting HSR, 3) highlight the types of research questions they are addressing, and 4) describe the research designs they are using to answer those questions. We will also discuss available resources and opportunities to get involved with this evolving field. The sessions are divided into three broad topics, each with four brief presentations from diverse HSR investigators.

This symposium will illustrate an interdisciplinary approach to conducting a small randomized clinical trial that implemented novel research procedures and analytic techniques to further the development of a targeted neuromodulatory treatment for patients living in states of disordered consciousness for more than 2 years. Cutting-edge research methods will be explained to demonstrate how clinical trials with small sample sizes can be conducted to inform treatment development. Group level results presented will indicate that repetitive transcranial magnetic stimulation combined with amantadine induced plasticity and repair in resting state functionally connected networks, supported by the dopamine system enabling neurobehavioral function.

Measurement Networking Group Applied **Cognition Geriatric Task Force Meeting** FRI 27 OCT 7:00 - 8:00 AM

**Measurement Networking Group Meeting** FRI 27 OCT 4:00 - 5:00 PM

| CONCURRENT SESSIONS<br>BLOCK 2<br>10:30 AM – 11:45 AM                       | Quality Measurement in Inpatient Rehabilitation<br>(Anne Deutsch, Roberta Constantine,<br>Sara Zuckerbraun, Allen Heinemann)<br>#294024 POL, MES CROSSTAGGED                                                                                                                   |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CONCURRENT SESSIONS<br>BLOCK 3<br>1:45 PM — 3:00 PM                         | Health Services Research Efforts within ACRM: <b>Part I</b><br>(James Graham, Risa Nakase-Richardson, Trudy Mallinson,<br>Jason Beneciuk, Pamela Roberts, Natalie Leland, Amol<br>Karmarkar) #297366 MES, POL                                                                  |                                                                                                                                                                                                                                                                         |
| CONCURRENT SESSIONS<br>BLOCK 4<br>5:00 PM – 6:15 PM                         | Promoting Adoption of<br>Standardized Outcome<br>Measures Using the<br>Rehabilitation Measures<br>Database (Linda Ehrlich-<br>Jones, Kristian Nitsch,<br>Allen Heinemann, Trudy<br>Mallinson) #290666 MES                                                                      | Health Services Research<br>Efforts within ACRM:<br><b>Part II</b> (Risa Nakase-<br>Richardson, James Graham,<br>Addie Middleton, Amit<br>Kumar, Timothy Reistetter,<br>Tracy Mroz, Ickpyo Hong)<br>#297366 MES, POL                                                    |
| EDI                                                                         | SPECIAL SYMPOSIUM                                                                                                                                                                                                                                                              | Health Services Research                                                                                                                                                                                                                                                |
| FRI<br>CONCURRENT SESSIONS<br>BLOCK 5<br>I0:30 AM – II:45 AM                | Defining rehabilitation<br>treatments: Implications<br>for clinical education,<br>supervision, and treatment<br>planning (John Whyte,<br>Tessa Hart, Marcel Dijkers)<br>#294063 CP, MES, CC See Page 42                                                                        | Efforts within ACRM:<br><b>Part III</b> (Addie Middleton,<br>James Graham, Risa<br>Nakase-Richardson, Jill<br>Massengale, Clara Libby<br>Dismuke, Brian Downer)<br>#297366 MES, POL                                                                                     |
| CONCURRENT SESSIONS<br>BLOCK 6<br>2:30 PM - 3:45 PM                         | <b>SPECIAL SYMPOSIUM</b><br><b>Part 2:</b> Specifying Rehabilitation<br>Treatments: Implementing a Common<br>System for Clinical Education and<br>Research Reporting (John Whyte,<br>Lyn Turkstra, Andrew Packel, Allen<br>Heinemann, Keith D. Ciceron) #294119<br>CP, MES, CC | Evidence-based<br>Pharmacological<br>Interventions After TBI<br>(Sonya Kim, Lilian Hoffecker, Lauren<br>Terhorst, Xiaolei Hu, Marianne Mortera,<br>Marianne Mortera, Shilpa Krishnan,<br>Trudy Mallinson, Patricia Heyn)<br>#289738 MES, BI, MIL                        |
| SAT<br>CONCURRENT SESSIONS<br>BLOCK 7                                       | PAPER SESSIONS                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                         |
| 9:45 AM - 11:00 AM<br>CONCURRENT SESSIONS<br>BLOCK 8<br>I1:30 AM - 12:45 PM | Recent Advances in<br>Outcomes Measurement<br>after Amputation and Major<br>Extremity Trauma (David<br>Tulsky, Linda Resnik, Renan<br>Castillo, Jerry Slotkin, Callie<br>Tyner, Stephen Wegener)<br>#288471 MES                                                                | Neuromodulatory Effects<br>of rTMS + Amantadine<br>with Chronic VS/ MCS:<br>An Interdisciplinary<br>Approach (Theresa Pape,<br>Dulal Bhaumik, Runa<br>Bhaumik, Trudy Mallinson,<br>Ann Guernon, Elyse<br>Walsh, Sherri Livengood)<br>#300994 NP, BI, MES<br>CROSSTAGGED |
| CONCURRENT SESSIONS<br>BLOCK 9<br>I:00 PM – 2:15 PM                         | Outcomes and<br>Measurement in<br>Rehabilitation Research<br>and Practice — The State<br>of Science (Deepan C<br>Kamaraj, Jason Raad, Trudy<br>Mallinson, Deborah Backus)<br>#300658 MES, CP                                                                                   | Treatment Outcomes<br>for Individuals With<br>Acquired Brain Injury<br>and the Significance of<br>Social Participation (Sonya<br>Kim, Marie Cavallo, Yuka<br>Matsuzawa, Kristine<br>Kingsley) #304065 MES, BI                                                           |

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39