



Multilevel Modeling of Change:  
Implications for the Inpatient  
Rehabilitation Setting  
Chad Vickery, PhD  
Wednesday, December 2, 2009  
NOON  
Methodist Rehabilitation Center  
Second Floor Conference Center

**Series Objective:**

Promote clinical excellence for patients receiving neurological rehabilitation by

1. Enhancing knowledge of brain-behavior relationships
2. Enhancing the ability of clinicians to critique the scientific literature
3. Enhancing knowledge of evidenced based practice for treating patients in rehabilitation settings

**Learning Objectives:**

Participants will be better able to:

1. Explain the basics of multilevel modeling analysis
2. Describe the advantages of multilevel modeling in assessing change over traditional techniques
3. Discuss a practical application of multilevel modeling in the inpatient rehabilitation setting

Commercial Support

Neither Dr. Vickery nor members of the planning committee have commercial support relationships to disclose.

**About the speaker:**

**Chad Vickery, PhD** received his doctorate in clinical neuropsychology at the University of Kentucky in Lexington in 2000, and completed an internship in neuropsychology/rehabilitation psychology at the University of Texas Medical Branch in Galveston in 2001. He completed his postdoctoral fellowship at Methodist Rehabilitation Center in Jackson, MS in 2003, and was hired as a Staff Neuropsychologist at Methodist in 2003. His research has focused on emotional adjustment following stroke, specifically the role of self-esteem in functional recovery during inpatient stroke rehabilitation. He has been appointed as an Assistant Professor in the Department of Psychiatry and Human Behavior at University of Mississippi Medical Center, and is scheduled to serve on the Editorial Board of the American Psychological Association peer-reviewed journal *Rehabilitation Psychology* in 2010.

**Continuing Education Credit**

Satisfactory completion of this activity requires a minimum attendance at 90% of the lecture and completion of an activity assessment and self assessment of achievement of learning objectives. Satisfactory completion of the activity is required for continuing education credit to be awarded.

**Physicians:** Methodist Rehabilitation Center is accredited by MSMA to provide CME for physicians. Methodist Rehabilitation Center designates this education activity for a maximum of 1 AMA PRA Category 1 Credit(s)TM. A physician should claim only those hours of credit that he/she actually spent in the educational activity.

**Psychologists:** Methodist Rehabilitation Center is approved by the American Psychological Association to offer continuing education for psychologists. Methodist Rehabilitation Center maintains responsibility for this activity. Methodist Rehabilitation Center sponsors this activity for 1 hour of continuing education for psychologists

**Occupational Therapists:** Methodist Rehabilitation Center is an AOTA Approved Provider of continuing education. This activity is designated for .1 AOTA CEU. The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA.

**Physical Therapists:** The Mississippi Board of Physical Therapy accepts education approved for CME by the AMA or its components. This activity was designated by Methodist Rehabilitation Center for 1 AMA PRA Category 1Credit(s)TM; as such it qualifies for 1 contact hours of continuing education for physical therapists or PTA for the 2009-2010 license renewal period.

**Speech-Language Pathologists:**



Methodist Rehabilitation Center is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This activity is offered for .1 ASHA CEU (Intermediate level; Related area)

**Tuition: \$25.00; contact Lisa Nichols to register – 601-364-3550 or [lnichols@mmrc rehab.org](mailto:lnichols@mmrc rehab.org)**