Marquette University
Department of Physical Therapy presents

What Every PT Should Know About Neuro

Saturday, March 26, 2011
Milwaukee, WI

About the Speaker
Tina Stoeckmann, P.T., D.Sc., M.A.

Tina Stoeckmann is a Clinical Associate Professor in the Department of Physical Therapy at Marquette University. She has been lecturing to college students and rehabilitation professionals on neurologic rehabilitation topics since the ‘90’s. Her current teaching responsibilities at Marquette include the Neurologic Rehabilitation course sequence and Cognitive and Motor Learning course in Exercise Science. She received her Bachelor of Science degree in Physical Therapy from UW – Madison in 1988, a Masters of Arts in Bioethics from the Medical College of Wisconsin in 1999, and her D.Sc. in Physical Therapy – Neurology from Rocky Mountain University of Health Professions in 2008. Her clinical background has been primarily in neurologic rehabilitation, specializing in traumatic brain injury, and she continues to practice clinically at Froedtert Hospital’s Neurologic Rehab unit.
**Course Description**

This course has been developed for the everyday PT / PTA to review the components of the nervous system including the structure and function of the neuron and its support cells, the organization of the nervous system, and the significance of these features in movement. With this foundation, a discussion of neuroplasticity and learning principles will be linked to current topics in neuroscience research as we consider current and emerging trends for neuro-based treatments like robotics, brain stimulation, and neurobics. The goal is for every attendee to have several “oh yeah”s and a few “ah ha!” moments so that everyone leaves with a few new nuggets of information and renewed appreciation of the importance of the nervous system in the teaching and rehabilitation of movement. Dr. Stoeckmann has presented this course at the 2010 WPTA Conference.

**Course Objectives**

By the end of this presentation, the attendees will be able to...

- Review the components of the nervous system
- Outline the general organization of the nervous system
- Describe how information is transmitted through the nervous system
- Identify responses of the nervous system to injury
- Apply principles of neuroplasticity to the evaluation of new treatment approaches

**Course Schedule**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Introduction and background</td>
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<tr>
<td>9:05</td>
<td>Components, structure, and function of the nervous system</td>
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<tr>
<td>10:25</td>
<td>Break</td>
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<tr>
<td>10:40</td>
<td>Response to injury / damage and rehabilitation principles</td>
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**CEUs**

3.0 CEU hours will be awarded by the Marquette University to participants upon completion of this course. This course is approved by the WPTA.

**Venue**

This course will be held at Marquette University in the M. Patricia Murray Lecture Hall, Schroeder Health Complex Rm 356.

**Registration**

All checks can be made out payable to: Marquette University Physical Therapy. A confirmation email will be sent when registration is received. Extra Forms and updated information is available at www.marquette.edu/chs/pt

**Marquette University APTA Liaison Mentor Program**

All proceeds from this course benefit the Marquette University APTA Liaisons. The program is dedicated to the development of students into the profession of physical therapy. The program is geared at early involvement in the APTA. It is our goal to send students to National Student Conclave to execute the values of the program.

**Registration Form**

**What Every PT Should Know About Neuro**

Saturday, March 26, 2011
9:00 am to 12:00 pm

Registration Fee: $75 check made out to: Marquette University Physical Therapy

Mail to: Marquette University
Department of Physical Therapy
c/o Catherine Cable
346 Schroeder Health Complex
P.O. Box 1881
Milwaukee, WI 53201

Name ______________________________  Profession ________________________________
Address ____________________________  ______________________________
City ______________  State ___  Zip _____
Phone ______________________________

Email (to receive confirmation and directions. Address will not be shared)

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Cancellation: Must be submitted in writing 7 days in advance of the seminar date for refund minus $25 administration fee. Marquette University reserves the right to cancel this seminar and will refund tuition in full in such an event.