

Welcome to this week's edition of



The Chair's Chatter

6/18/13

Friday marks the first day of summer! In spite of the heat, we have some pretty "cool" news this week☺

Mary



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As most of you know, our program uses the Physical Therapy Centralized Application Service (PTCAS) for annual DPT applicants. Recently our program page was approved for continued use by PTCAS. Angel, Joyce and Terry did a great job in presenting this information for approval as part of their ongoing work to make the admissions process efficient at PTRS.

NICE WORK!!!!





On Thursday, June 13, the DPT Class of 2016 celebrated completion of the first anatomy exam with the Annual Pizza Party at the Penn Restaurant. Alex Ganzermler extended a warm welcome to the class as future member of the Alumni Association.



CONGRATULATIONS!!!!

To Lindsey Harris, DPT Class of 2011, on the birth of her son Austin, born on 3/21/13. Lindsey is now a PT in West Springfield, Massachusetts.

University of Maryland Malawi Project

Samantha DuFlo (SPT '14) left for Malawi, Africa on Thursday, June 13th with six other UMB students- one from each of the University's six professional schools. They will be there for six weeks to participate in an interdisciplinary research project regarding treatment of patients with AIDS from all perspectives of health care access and also doing research on malaria. You can keep up with the trip happenings on the Facebook page below:

<https://www.facebook.com/pages/University-of-Maryland-Malawi-Project/214778951887322>





NIH has a Wednesday Afternoon Lecture Series that can be viewed remotely at <http://videocast.nih.gov>. There is also an archive of past presentations that can be accessed from that site. This Wednesday, the presentation is:

"Neural Plasticity: From Synapse to Perception"

Presented by Mu-Ming Poo, Ph.D.

Paul Licht Distinguished Professor in Biology, University of California, Berkeley; Director, Institute of Neuroscience, Chinese Academy of Sciences, Shanghai

Wednesday, June 19, 2013

3:00-4:00 p.m.

Lecture Summary:

The cognitive functions of the brain, such as learning and memory, depend on the ability of neural circuits to change their properties of signal processing after the organism has used the circuits. Many of these use-dependent changes ("plasticity") occur at synapses where signals are transmitted between neurons. Depending on the pattern of neuronal activities, repetitive synaptic transmission could cause long-term potentiation (LTP) or long-term depression (LTD) of the synapse in its efficacy for future transmission. Dr. Poo will summarize his studies on how the timing of neuronal activities spikes in the pre- and post-synaptic neurons and if it determines whether a synapse undergoes LTP or LTD. This phenomenon is known as Spike Timing-Dependent Plasticity (STDP); STDP may provide the mechanism for coding and storing the information on the temporal sequence and interval of sensory signals, two key elements of episodic memory. He will also discuss how neural plasticity shapes the development of neural circuits and offers the potential for functional recovery from injuries and diseases of the adult brain. Finally, to show that higher cognitive functions, such as self-awareness, may originate from experience-dependent neural plasticity, he will present preliminary findings showing that mirror self-recognition, a cognitive function known to be limited only to humans and great apes, could be acquired by rhesus monkeys following training for visual-somatosensory association.

To watch the lecture online, visit <http://videocast.nih.gov>. Registration is not required.



Wireless Connection for PTRS