Bethke, Donna

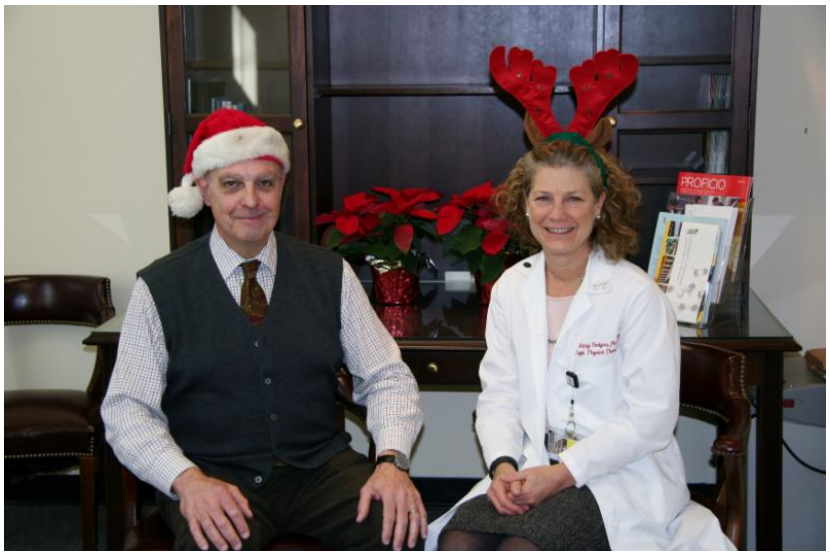
From: UM SOM PTRS <dbethke@som.umaryland.edu>
Sent: Wednesday, December 10, 2014 1:43 PM
To: Bethke, Donna
Subject: The Chairs' Chatter - 12/10/2014

UNIVERSITY of MARYLAND
SCHOOL OF MEDICINE

PHYSICAL THERAPY
AND REHABILITATION SCIENCE

December 10, 2014

The Chairs' Chatter



This is our last Chatter for 2014!

One of the pleasures of the Holiday Season is the chance to say "thank you" for your contributions to PTRS' success.

Our warmest thoughts and best wishes for a wonderful Holiday Season and Happy New Year!

Mark and Mary

Department News

Interprofessional Education Day 2015 - Registration Extended!

Dean Jane Kirschling and the Center for Interprofessional Education invite you to participate in the third annual Interprofessional Education (IPE) Day at the University of Maryland, Baltimore on Thursday, February 26, 2015. To register, please go to the IPE website:

http://www.umaryland.edu/ipe

and click on 2015 IPE Day. Student and faculty participants in IPE Day will discover:

- **The importance of effective communication with professionals outside their area of study**
- **The roles and responsibilities of each professional within the health care team**
- **How interprofessional teamwork leads to enhanced quality of care**

For questions, contact Patricia Danielewicz at pdanielewicz@son.umaryland.edu

Rehabilitation Science Research Seminar

This week's Rehabilitation Science Research Seminar will be the final meeting of the Fall

term. Dr. Noah Cowan, Associate Professor of Mechanical Engineering and Director of the Locomotion in Mechanical and Biological Systems (LIMBS) Laboratory at Johns Hopkins University will be our guest speaker. The title of his presentation and a brief abstract are listed below:

"Dynamics and Control of Rhythmic Movements: From Walking to Juggling"

This talk covers two recent projects led by my graduate student Mert Ankarali. (1) Little is known about how haptic feedback, particularly during discrete events such as the heel-strike event during walking, enhances rhythmic behavior. To determine the effect of haptic cues on rhythmic motor performance, we investigated a simplified "virtual paddle juggling" behavior, analogous to bouncing a table tennis ball on a paddle. We showed that a force impulse to the hand at the moment of ball-paddle collision categorically improves performance over visual feedback alone, not by regulating the rate of convergence to steady state (e.g., via higher gain feedback or modifying the steady-state hand motion), but rather by reducing cycle-to-cycle variability. (2) It may seem counter intuitive that neglecting evident characteristics of a system can be more than a modeling convenience---it can produce a better, more predictive model. We examined the consequences of neglecting (or not) bilateral asymmetries during human walking. Indeed, we showed that there are statistically significant asymmetries in the dynamics of human walking, but that by ignoring these asymmetries, we arrive at a more consistent and predictive model of human walking.

Please plan to join us on **Friday, December 12, 9:00AM-10:00AM**, Room 211 of Allied Health Bldg (PTRS) for what promises to be an interesting presentation and discussion!

Security Coverage for Winter Break 2014

Winter Break is approaching. We expect during these times there will be limited activities from faculty, staff, and students on the UMB campus and in School of Medicine facilities. Therefore, entry to all the facilities listed below will be by card access only on Thursday, December 25, 2014 – Sunday, January 4, 2015:

737 W. Lombard Street (School of Medicine Administration Building)
Allied Health Building
Bressler Research Building/Howard Hall Complex
Biomedical Research Facility (108 N. Greene Street)
George Gray Hall (Gray Lab)
Grand Research Building 111 Penn Street (old Medical Examiner's Office)
Medical School Teaching Facility
Health Sciences Facility I & II
100 North Greene Street
Institute of Human Virology Building
Dental Museum

Regular security coverage for the School of Medicine facilities will resume on Monday, January 5, 2015. Please inform your faculty, staff, and students of this coverage. If you have any questions concerning the security coverage during this time, please contact the Office of Academic Administration and Resource Management (6-6964) as soon as possible.

Call for Submissions

Society of Neural Control of Movement
Join the 25th Annual Meeting and Satellite Meeting from April 20 - 24, 2015 at the Francis Marion Hotel in Charleston, South Carolina. For the 2015 Annual Meeting, the following submission schedule has been established. Please refer to the submission guidelines for each of these submission types (Team, Individual) prior to submitting your abstract.
Individual (Oral): December 12, 2014 - January 9, 2015
Individual (Poster): December 12, 2014 - January 30, 2015

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American Congress of Rehabilitation Medicine call for proposals is now under way for the 92nd annual meeting scheduled for October 28, 2015 - October 30, 2015 in Dallas, Texas. Deadlines for Symposia are January 15, 2015 and submissions for scientific papers and posters are being accepted through March 2, 2015. Please visit http://www.acrm.org/meetings/annual-conference-2015/ for additional details.

Additional Meeting Deadlines

For additional meeting deadlines, visit http://pt.umaryland.edu/research.asp and select the **"Research Events Calendar"** file.

Reminders

Have news to share?

Please send news, announcements, updates and pictures to **Donna Bethke, dbethke@som.umaryland.edu**, by Monday at 5 PM to be included in the current week's issue.

Thanks for sharing!!!!!

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