Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

International Conference and Exhibition on
Physical Medicine & Rehabilitation

August 19-21, 2013 Embassy Suites Las Vegas, NV, USA



"Organize your Events at OMICS Group Conferences"

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: *physicalmedicine2013@omicsgroup.com*

Day 1 August 19, 2013

08:00-09:00 Registrations

Flamingo 2

OMICS Group Conferences
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09:00-09:30 Opening Ceremony

Keynote Forum

09:30-09:35 **Introduction**

09:35-10:00 **Raymond K. Chong**
Georgia Regents University, USA

10:00-10:25 **Ron Dennis**
Alexander Technique of Atlanta, USA

10:25-10:50 **Thomas L. Lenz**
Creighton University, USA

Coffee Break 10:50-11:10 @ Atrium

11:10-11:35 **Itshak Melzer**
Ben-Gurion University of the Negev, Israel

11:35-12:00 **Carol P. Dionne**
University of Oklahoma Health Sciences Center, USA

Track 1: Diet and Physical Health
Track 2: Physical Health and Chronic Health Condition
Track 3: Industrial Health and Management
Track 4: Sports Injury and Rehabilitation

Session Chair: Raymond K. Chong, Georgia Regents University, USA

Session Co-Chair: Sonill Sooknunan Maharaj, University of KwaZulu-Natal, Republic of South Africa

Session Introduction

12:00-12:20 **Nerve entrapment syndromes in the upper extremitiy**
Michael L. Mangonon, Plancher Orthopaedics and Sports Medicine, USA

12:20-12:40 **Characteristics of balance control in obese older adults**
Itshak Melzer, Ben-Gurion University of the Negev, Israel

12:40-13:00 **Contribution of gene variants and diet to obesity risk**
Jadranka Sertic, University of Zagreb, Croatia

Lunch Break 13:00-14:00 @ Atrium

14:00-14:20 **The effect of removable artificial dentures on swallowing**
Chang Ho Hwang, Ulsan University Hospital, Republic of Korea

14:20-14:40 **Drug-exercise interactions**
Thomas L. Lenz, Creighton University, USA

14:40-15:00 **Rehabilitation in the era of HAART in KwaZulu-Natal South Africa**
Sonill Sooknunan Maharaj, University of KwaZulu-Natal, Republic of South Africa

15:00-15:20 **The posturality of the person: A guide to postural education & therapy**
Ronald J (Ron) Dennis, Alexander Technique of Atlanta, USA

15:20-15:40 **The influence of preventive microsurgical lymph node transplantation and lympho-venous anastomose(s) on the incidence and prognosis of breast cancer related lymphedema in high-risk breast cancer survivors**
Nele Adriaenssens, The Vrije Universiteit Brussel, Belgium

Coffee Break 15:40-16:00 @ Atrium

16:00-16:20 **Step initiation speed as a predictor of freezing inception in Parkinson's disease**
Raymond K. Chong, Georgia Regents University, USA

16:20-16:40 **Evaluation of quality of life and pregnancy complications in overweight pregnant women in zahedan**
Ameneh Safarzadeh, Zahedan University of Medical Sciences, Iran

Panel Discussion

17:30-18:30 Cocktails Sponsored by: **International Journal of Physical Medicine & Rehabilitation @ Atrium**

Day 2 August 20, 2013

Flamingo 2

Workshop on Ultrasound guided dextrose prolotherapy and Platelet Rich Plasma therapy (PRP) in chronic sacroiliac pain: A case report

09:00-10:00 **Ultrasound guided dextrose prolotherapy and Platelet Rich Plasma therapy (PRP) in chronic sacroiliac pain: A case report**
Glenna Tolbert, University of California, USA

Track 5: Pain and Injury Management
Track 6: Exercise and Trauma
Track 7: Disability and Management
Track 8: Psychological Genetic Disorders

Session Chair: Glenna Tolbert, University of California, USA
Session Co-Chair: Wolfgang Stelzer, University of Vienna, Austria

Session Introduction

10:00-10:20 **Effects of erythropoietin on glial scar formation and axonal outgrowth in a model of glial scarring analogous to traumatically- injured spinal cord**
Chang Ho Hwang, Ulsan University Hospital, Republic of Korea

10:20-10:40 **Use of cooled radiofrequency lateral branch neurotomy for the treatment of sacroiliac joint-mediated low back pain: A large case series**
Wolfgang Stelzer, University of Vienna, Austria

Coffee Break 10:40-11:00 @ Atrium

11:00-11:20 **Isokinetic strength and performance in collegiate womens soccer**
Kelly Brooks, Texas A&M University Corpus Christi, USA

11:20-11:40 **The role of the selective peripheral neurotomy in spasticity reduction**
Justin M Brown, University of California, USA

11:40-12:00 **Cancer rehabilitation: The efficacy of recovery monitoring**
Anna L. Schwartz, Northern Arizona University, USA

12:00-12:20 **Measurements of knee rotation *in vivo* - Development and evaluation of an external device**
Per Otto Almquist, Lund University, Sweden

12:20-12:40 **The role of body mass index and body fat percentage on physical function in sedentary African American adults**
Carole C. Burnett, Howard University, USA

12:40-13:00 **Physiological differences between Ethiopian and Caucasian distance runners and their effects on 10km running performance**
Omri Inbar, Zinman College, Wingate Institute, Israel

Lunch Break 13:00-14:00 @ Atrium

14:00-14:20 **Nurses attitudes towards children with disabilities: An objective measurement**
Kathleen Cervasio, Long Island University, USA

14:20-14:40 **Lumbar disc disease characteristics in asymptomatic adults without history of back pain**
Carol P. Dionne, University of Oklahoma Health Sciences Center, USA

14:40-15:00 **"Moving on up, to the real world" partnerships are challenging when stakeholders have a different professional language and culture**
Helen Healy, University of Toronto, Canada

15:00-15:20 **Aerobic exercise as an augmentation therapy for inpatients with major depressive disorder**
Bernard Lerer, Hebrew University Medical Center, Israel

15:20-15:40 **An examination of differences in pregnancy outcomes for women with and without disabilities**
Ari Mwachofi, University of Oklahoma Health Sciences Center, USA

Coffee Break 15:40-16:00 @ Atrium

16:00-16:20 **Work performance measures in men with trans-tibial amputation due to trauma**
Carol P. Dionne, University of Oklahoma Health Sciences Center, USA

16:20-16:40 **Stability analysis of complete and incomplete spinal cord injury individuals by linear and non-linear approaches**
Mohammad Karimi, Isfahan University of Medical sciences, Iran

Panel Discussion

17:00-18:00 **Poster Presentations @ Stardust**

18:00-19:00 Cocktails Sponsored by: **Journal of Yoga & Physical Therapy @ Atrium**

Day 3 August 21, 2013

Flamingo 2

Track 9: Physical Therapy
Track 10: Rehabilitation Techniques
Track 11: Addiction and Rehabilitation
Track 12: Population and Human Health

Session Chair: Ramasamy Govindarajan, Bronx Lebanon Hospital Center, USA
Session Co-Chair: Kelly Brooks, Texas A&M University Corpus Christi, USA

Session Introduction

09:00-09:20 **The use of the short physical performance battery in long term care in determining lower extremity function**
Carole C. Burnett, Howard University College of Nursing and Allied Health Science, USA

09:20-09:40 **Association between physical activity and insomnia in Saudi female students**
Einas Al-Eisa, King saud university, Saudi Arabia

09:40-10:00 **Treatment options influencing physical therapy and early ambulation in "plantar fasciitis/painful calcaneal spur"**
Ramasamy Govindarajan, Bronx Lebanon Hospital Center, USA

10:00-10:20 **Cardiopulmonary rehabilitation**
Hady Atef, Cairo University, Egypt

Coffee Break 10:20-10:40 @ Atrium

10:40-11:00 **Thoracic sympathectomy and cardiopulmonary responses to exercise**
Omri Inbar, Zinman College, Wingate Institute, Israel

11:00-11:20 **In home telerehabilitation for persons with a proximal humerus fracture: A pilot study**
Francois Cabana, University of Sherbrooke, Canada

11:20-11:40 **Inguinal hernia repair with local anesthesia in the outpatient**
Flavio Antonio de Sa Ribeiro, UNIFESO, Brazil

11:40-12:00 **The role of peipheral neve transfers in neurorehabilitation**
Justin M. Brown, University of California, USA

12:00-12:20 **Development and evaluation of a health swing**
Wendy Thomson, University of Bristol, UK

12:20-12:40 **Overtraining, exercise, and adrenal insufficiency**
Kelly Brooks, Texas A&M University Corpus Christi, USA

Award Ceremony

Lunch Break 12:40-13:40 @ Atrium