

Sphere: Sound & Health in Therapy and Medicine

Michael Thaut in OMA Lecture Series



On May 15, 2013 Dr Michael Thaut will present a talk titled “The clinical neuroscience of music: how research translates into therapy” in the Doctors’ Lounge Series of the Ontario Medical Association sponsored by MaHRC.

Dr. Thaut is Professor of Music and Neuroscience at Colorado State University has served as Administrative Director of the School of the Arts from 2001 to 2010 and has been the Director of the Center for Biomedical Research in Music since 1994.

There will be limited spaces available and so only the MaHRC Connaught Team and MaHRC members are invited by RSVP to music.research@utoronto.ca

Globe & Mail features article on Music Therapy



MaHRC Research Associate, Amy Clements-Cortes, PhD, was interviewed for a story on music therapy in the Globe & Mail. Please see:

<http://m.theglobeandmail.com/life/health-and-fitness/health/music-therapy-programs-opening-new-worlds-for-patients/article9044466/?service=mobile>

Music Care Conference 2013 Planned for U of T

A collaboration between MaHRC and Room 217 Foundation brought the Music Care Conference to Toronto in November 2012. The success of that event bringing together

doctors, nurses, social workers, religious workers, family care givers, long term care workers and many others for a day to explore the potential and practice of using music in the context of care has lead to an expanded version of the conference to be held November 8 – 10, 2013. The 2013 conference will feature an expanded concept to include a greater emphasis on research and a focus on specific themes. With a general theme of “Research and Practice for Music Medicine in Care” the intial plan details include the following:

Focus on Care-givers: Saturday, Nov 9: 9:00 – 5:00

3 Thematic Symposia on Implications of Research for Practice

Music Medicine & Pain, Friday Nov 8 1:00 – 5:00

Music Medicine & Quality of Life, Sunday Nov 10, 9:00 – 12:00

Music Medicine & Neurodeficits, Sunday Nov 10, 1:00 – 5:00

A call for papers will be issued soon. For more information contact Lee Bartel

3rd International Conference of the International Association for Music & Medicine June 24-27, 2014

Conference Theme: "Music Medicine through the Lifespan"

Call for Papers: <http://www.iammcanada.com/call-for-papers/>

Post Doctoral Fellowship Position in Alzheimers Research Now Open

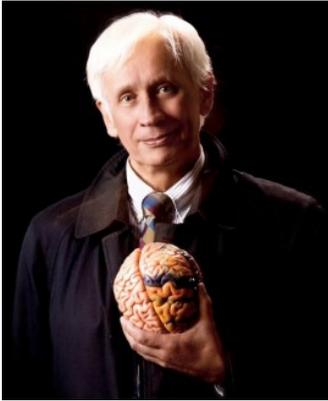
The candidate PDF with a PhD in a neuroscience-related discipline should have conducted her/his PhD research in the area of neurological degenerative diseases and have considerable experience related to Alzheimer’s or Dementia, including cognitive testing. The PDF should have a solid publication record in these fields. The candidate should be familiar with sensory systems and ideally already worked with the method of RSS and is experienced in the related data analysis methods.

For more information please see:

http://www.music.utoronto.ca/Assets/faculty/job+postings/post-doc_alzheimers.pdf

Sphere: Sound & Health in Body Brain and Mind

Connaught Lecture Series: Dr. Rodolfo Llinas



Dr. Rodolfo Llinas, MD, PhD. is Professor of Neuroscience and Chairman, Department of Physiology and Neuroscience, New York University School of Medicine. He is the author of *I of the Vortex: From Neurons to Self*, an original explanation of mind and mental function based entirely on the brain. Born in Columbia and having obtained his Ph.D. in Neuroscience at the Australian National University in Canberra under the legendary John Eccles (Nobel Prize in Medicine and Physiology), Dr. Llinas's research spans molecular and cognitive neuroscience, including pioneering work on the cerebellum and the thalamus. His specific research has involved the following: intrinsic electrophysiological

properties of mammalian neurons in vitro, ionic channels, sodium and calcium currents and their distribution in different cell types, the role of calcium conductance in synaptic transmission, cerebellar control of movement and thalamocortical connectivity in brain slices and isolated whole brain preparations, ionic-concentration-dependent imaging techniques, computer-based mathematical models, noninvasive magnetoencephalography, and thalamocortical interaction and functional mapping in the human brain. Llinás has published over 500 scientific articles. He is the originator of the theory of Thalamocortical Dysrhythmia (TCD), a framework in which neuroscientists try to explain the positive and negative symptoms induced by neurological disorders like Parkinson's Disease, neurogenic pain, Tinnitus, Epilepsy as well as neuropsychiatric disorders like depression.

TCD will be the focus of Dr Llinas's presentations at the University of Toronto. The central premise or MaHRC's Connaught application "Music Medicine in Aging" is that TCD can be addressed through Rhythmic Sensory Stimulation (RSS) with sound.

"Evidence for Thalamocortical Dysrhythmia and its Association with Health Conditions."

Wednesday April 3, 2:30 – 5:00 Worthman Hall, Baycrest Centre

This session will include an hour presentation by Dr Llinas followed by short related research presentations by Baycrest researchers and opportunity for discussion particularly related to TCD and neurodegenerative conditions.

Collaborative Program In Neuroscience Distinguished Lecture

Related Seminars:

"Thalmonicortical Dysrhythmia and Pain"

April 2, Tuesday, 2:00 – 4:00, Mount Sinai, 14th floor classroom

"Thalmonicortical Dysrhythmia and Psychiatric Conditions"

April 4, Thursday 12:00 – 1:00 Mount Sinai, 14th floor classroom

"Thalmonicortical Dysrhythmia and Hearing"

April 4, Thursday 2:30 – 4:00 Mount Sinai, 14th floor classroom

Funded by the University of Toronto Connaught Fund

Post Doctoral Fellowship Position in Music Neuroscience Research Now Open

The candidate PDF, with a PhD in a neuroscience-related discipline, should have conducted her/his PhD research using EEG or MEG and should have a solid publication record in these fields. The candidate should be familiar with sensory systems and ideally already worked with the method of RSS and is experienced in the related data analysis methods.

For more information see:

http://www.music.utoronto.ca/Assets/faculty/job+postings/post-doc_neuroscience.pdf

American Synesthesia Association Conference

May 31-June 2 2013

Faculty of Music and OCAD University

Featuring performances by the Gryphon Trio

and "Harmonia" by Christos Hatzis and Bruno Degazio

For more information see: <http://blog.ocad.ca/wordpress/synesthesiaconference/>

Society for Music Perception and Cognition Conference in Toronto



The SMPC 2013 Conference will be held in Toronto August 8 – 11 at Ryerson University. The conference will feature a Keynote by Dr. Carol L. Krumhansl from Cornell University and a public lecture by Dan Levitin.

For more information see: <http://www.smpc2013.com/>

Dr. Carol L. Krumhansl

Sphere: Sound & Health in Society and Culture

Paul Shore Presented Talk at Jackman Humanities Institute



On Wednesday March 13 Paul Shore PhD, from St. Paul's College University of Manitoba, presented a lecture at the Jackman Humanities Institute entitled “Sanctuaries, Gateways: The Sonic Spaces of Curative and Palliative Music in Medieval Cloister and Infirmary.” The talk sponsored by the Music and Health Research Collaboratory (MaHRC) Faculty of Music, the Health, Arts, and Humanities Program, the Jackman Humanities Institute, and the Centre for Medieval Studies focused on the relationship between the aesthetic experience of music, the cognitive and spiritual content of song, and the well being of the patient.

University Professor Emeritus Andrew Hughes Presented Talk on Music and Lunacy at Mt. Sinai Hospital



On Wednesday March 20 Professor Emeritus Andrew Hughes presented a talk entitled "Playing the Fool: The Representation of Madness in Western Art Music." It consisted of an explanation of techniques employed by composers over the centuries to depict “madness” and was illustrated by a series of video and audio recordings with musical scores. The talk was part of the Lunch & Learn Series organized by the Health, Arts, & Humanities Program at Mount Sinai and was sponsored by MaHRC.

Sphere: Sound & Health in Teaching, Learning, and Performing

First Meeting of Music in Human Development (MiHD) Group held at Faculty of Music

A “gathering” sponsored by the Fraser Mustard Institute for Human Development was held on March 7 to explore possible interdisciplinary research directions related to music in human development. A widely interdisciplinary invited group of 11 people met and enthusiastically decided to meet again and to begin exploring possible collaborative research directions.

On the MaHRC Newsletter is created and edited by: Prof. Lee Bartel, Associate Dean-Research and Acting Director of MaHRC. For questions or comments: music.research@utoronto.ca