



THE HARTT SCHOOL
music dance theatre

UNIVERSITY OF HARTFORD

Tales of the Neural Tango!

A lecture and performance workshop to celebrate
the art and science of music

Thursday April 24, 2014

Bliss Music Room, Alfred C. Fuller Music Center

7:30 p.m. pre-concert lecture | 8:00 p.m. workshop and performance

Martha Summa-Chadwick, presenter and pianist

With guest artists

Yu-Hao Chang, violin

Chun-Chun Sung, piano

MUSIC AND COGNITION

Brain plasticity of neural networks using music and rhythm

Violin Sonata op. 4, no. 23 in a minor Ludwig Van Beethoven
Presto

Yu-Hao Chang, violin
Chun-Chun Sung, piano

How music can be utilized for individuals with attention disorders

Waldszenen, op. 82 Robert Schumann
Vogel als Prophet
Abschied

MUSIC AND SPEECH

Use of music as a therapeutic addition to speech techniques

Widmung Schumann / Liszt

MUSIC AND SENSORY PROCESSING

Le baiser de l'Enfant-Jésus
(from the *Vingt Regar*)..... *Olivier Messiaen*

INTERMISSION

MUSIC AND MOTOR ISSUES

Music and Therapeutic Instrument Musical Performance strategies

Fantastic Dances. Op. 2 *Loris Tjeknavorian*
Allegro con fuoco
Danse Lyrique
Danse d'extase

Music and gait training

Tango dances..... *Astor Piazzolla*
Contrabajeando
Invierno Porteño
Milonga del Ángel
La Muerte del Ángel

Program Notes

Tonight's workshop / performance is a unique celebration of both the aesthetic and therapeutic value of music. While much is known about how music influences mankind on a hedonic level, little is generally known about how music is actually experienced in the brain and how music can be specifically directed to help actually rebuild neural networks that may be damaged due to disease or accident. Tonight's event seeks to bridge this gap in the form of an artistic event to raise awareness of the benefits of music in a therapeutic setting through lecture and experiential performance.

Martha Summa-Chadwick has achieved a wide reputation as educator, presenter, performer, and advocate for the cause of music in therapy. She has performed in roles of piano and harpsichord soloist with orchestras across the country and is currently on the faculty of the Cadec Conservatory of the University of TN in Chattanooga, Tennessee. She holds a Bachelor of Music degree from the Hartt School of Music, a Master of Music degree from the University of TN at Chattanooga, and a Doctorate of Musical arts degree from the University of Kansas and has completed both Basic Training and Fellowship Training at Colorado State University's Academy of Neurologic Music Therapy.

For the past decade, she has explored facets of how music can be utilized for therapeutic as well as aesthetic ends. She is a frequent guest speaker at both national and regional conferences discussing the use of biomedical music techniques with challenged children. She is Executive Director of the non-profit Music Therapy Gateway In Communications (MTGIC), Inc, and through the non-profit has also established a series of both chamber and solo concerts to help educate the audience in an overview of biomedical music protocols in practice.

Further details about MTGIC and the work Martha is doing can be found on the website www.mtgic.org. Further information about the CSU Center for Biomedical Research in Music can be found at cbrm.colostate.edu. And general information about music therapy can be found on the American Music Therapy website, www.musictherapy.org.



For a complete schedule of performances visit
www.hartford.edu/hartt

University Box Office
860.768.4228 or 800.274.8587