

MaHRC

**Music and Health
Research Collaboratory**

The Academy for Neurologic Music Therapy



<http://nmtacademy.co>

&

Université Paul Valéry Montpellier 3
Diplôme Universitaire de Musicothérapie

**Formation Internationale
De
Musicothérapie Neurologique**

8 - 11 Juillet, 2019

Dr. Michael H. Thaut /Dr. Corene P. Hurt-Thaut

Présentation :

Cette formation est ouverte en priorité aux Musicothérapeutes Diplômés, Neurologues, Neuropsychologues, Psychologues Cliniciens (pour les étudiants et autres nous consulter) qui souhaitent acquérir une meilleure compréhension de la musicothérapie neurologique (NMT) et à utiliser la méthodologie et les techniques NMT.

La musicothérapie neurologique se définit comme une application thérapeutique de la musique sur les fonctions cognitives, sensorielles et motrices pour les maladies neurologiques (AVC, lésion cérébrale traumatique, maladie de Parkinson et de Huntington, paralysie cérébrale, troubles du développement, neurologiques affectant la cognition, le mouvement et la communication...)

Ses techniques de traitement sont basées sur les connaissances scientifiques en matière de perception et de production de la musique et leurs effets sur les fonctions cérébrales et comportementales non musicales.

L'atelier de quatre jours, d'une durée de 30 heures, permettra d'acquérir :

- 1- Des compétences de base pour la pratique clinique en NMT et une expertise dans les techniques adaptées.
- 2- Une connaissance des études actuelles concernant la NMT.
- 3- Une connaissance des protocoles et leurs applications suivant les pathologies et les objectifs thérapeutiques.
- 4- Utilisation des évaluations cliniques actuelles qui peuvent être pertinentes pour évaluer les prises en charge en NMT.
- 5 -Etre capable de répondre aux questions de neuro-anatomie et de pathologie de base liées à une variété de troubles neurologiques.

Un certificat sera délivré par L'Académie Robert F Unfeker après validation du stage et un test écrit. Ce titre permet aux musicothérapeutes de pratiquer et d'utiliser le titre de NMT pendant trois ans.

La formation débutera à 8 heures le Lundi 8 Juillet 2019 et se terminera le Jeudi 11 juillet 2019 à midi.

Assurez-vous que vos horaires d'arrivée et de départ vous laissent suffisamment de temps pour finaliser votre stage afin d'obtenir le titre et le certificat.

Les enseignements sont traduits en français par deux interprètes.

COURSE CURRICULUM

- **Scientific Foundations of NMT**
- **Neuropathology/ Disease Review**
- **Sensorimotor Techniques:**
 - Rhythmic Auditory Stimulation
 - Pattern Sensory Enhancement
 - Therapeutic Instrumental Playing
- **Speech Techniques:**
 - Melodic Intonation Therapy
 - Musical Speech Stimulation
 - Rhythmic Speech Cueing
 - Vocal Intonation Therapy
 - Therapeutic Singing
 - Oral Motor and Respiratory Exercises
 - Developmental Speech and Language Training through Music
 - Symbolic Communication Training through Music
- **Cognitive Techniques:**
 - Music Neglect Training
 - Auditory perception Training
 - Musical Attention Control Training
 - Musical Mnemonics Training
 - Associative Mood and Memory Training
 - Musical Executive Functions Training
 - Music Psychosocial Training

Preliminary Training Schedule

Day 1:

- 8:30-9:00 Welcome (Coffee Provided)
- 9:00-10:30 Introduction to Principles of Neurologic Music Therapy: Scientific Models, Research, and the Role of Music in Therapy and Medicine
- 10:30 Refreshment Break Provided
- 10:45-1:00 Neuropathology Disease Review
- 1:00-2:00 Lunch
- 2:00-2:30 Transformational Design Model/Assessment
- 2:30-5:30 Speech and Language

Day 2:

- 9:00-10:30 Speech/Language Clinical Practice
- 10:30 Refreshment Break
- 10:45-12:00 Patterned Sensory Enhancement (PSE)
- 12:00-1:00 Therapeutic Instrumental Music Performance (TIMP)
- 1:00-2:00 Lunch
- 2:00-3:30 Sensorimotor Practice Session I (PSE, TIMP)
- 3:30-5:00 Sensorimotor Practice Session II (PSE, TIMP)
- 5:00-6:00 Gait Assessment

Day 3:

- 9:00-10:00 RAS Gait Training
- 10:00-11:00 RAS Practice Session
- 11:00 Refreshment Break
- 11:15-1:00 Cognitive Rehabilitation
- 1:00-2:00 Lunch
- 2:00-4:30 Cognitive Rehabilitation
- 4:30-5:30 NMT with Developmental Disabilities

Day 4:

- 9:00-12:00 Cognitive Rehabilitation
- 12:00-12:30 Final Evaluation

Ce programme international de formation de l'Académie est approuvé par la Fédération mondiale de réadaptation neurologique (WFNR), par la Fédération européenne des sociétés de neuro-réadaptation (EFNS) et par la Société internationale de neuromusicologie clinique (CNM). La formation est également approuvée par le U.S. Certification Board for Music Therapists (CBMT) en tant que fournisseur avancé de crédits de formation continue en musicothérapie (CMTE)[La Robert F. Unkefer Academy for Neurologic Music Therapy, #P-105, conserve la responsabilité de la qualité du programme et du respect des politiques et critères du CBMT].

Le cours de 30 heures offrira au musicothérapeute certifié par le jury 36 crédits CMTE qui pourront être appliqués à la re-certification. Votre certificat de réussite peut être présenté comme preuve de votre présence et de votre participation. La réussite de ce cours ne garantit pas que le participant soit actuellement un musicothérapeute agréé par la Commission (MT-BC). Vérifiez l'état d'avancement de la certification du programme de musicothérapie à l'adresse www.cbmt.org

*******ACADEMY TEACHING FACULTY*******



Dr. Michael H. Thaut

Michael H. Thaut received his Masters in Music in 1980 and his PhD in music with a cognate minor in movement science in 1983, both from Michigan State University. He is also a graduate of the Mozarteum Music Conservatory in Salzburg/Austria. At Colorado State University he was a Professor of Music and a Professor of Neuroscience and served as CoDirector of the School of the Arts and Chairman of the Department of Music, Theater, and Dance from 2001-2010. He was also the director of the Center for Biomedical Research in Music for 11 years. He has been a Visiting Professor in medical and music schools around the world (Germany, Italy, USA, Japan), and 2010-2012 was chancellor of the University System of the SRH-Foundation Heidelberg. He currently is Professor of Music with cross appointments in Neuroscience and Rehabilitation Science at the University of Toronto where he directs the Music and Health Research Collaboratory (MaHRC) and the Masters/PhD programs in Music and Health Sciences. He

has been a Visiting Professor in medical and music schools around the world (Germany, Italy, USA, Japan), and 2010-2012 was chancellor of the University System of the SRH-Foundation Heidelberg.

Dr. Thaut's internationally recognized research focuses on brain function in music, especially time information processing in the brain related to rhythmicity and biomedical applications of music to neurologic rehabilitation of cognitive and motor function. He received the National Research Award in 1993 and the National Service Award in 2001 from the American Music Therapy Association. He has over 120 scientific publications and has authored and coauthored 3 books. His works have appeared in German, Japanese, Korean, Italian, and Spanish language. Popular TV media and numerous print media have featured his research nationally and internationally.

As a former professional violinist in the classic and folk genre he has recorded several recordings of chamber and folk music in the US and Germany and has toured in Europe extensively with folk bands and chamber groups. He is also the author of a landmark anthology of Northern European and American fiddle music. In 1995 his group 'Folk Chamber Ensemble' played 3 invited concerts at the Northwest German Summer Music Festival entitled 'Folk Meets Classic'. He continues to perform in small chamber and folk ensembles as time permits.



Dr. Corene P. Hurt-Thaut

Corene Hurt-Thaut received her master's in music therapy, and her PhD with an interdisciplinary focus of music, neuroscience and statistical design, from Colorado State University. She served as a special assistant professor of music therapy from 1997-2014, teaching classes in piano technique, music therapy methods and counseling for psychiatric populations, music therapy methods in neuro-rehabilitation, research in music therapy, advanced techniques in neurologic rehabilitation, and seminars in neurologic music therapy. She was a research associate at The Center for Biomedical Research in Music at Colorado State University from 1997-2015, and the co-founder and program director of The Unkefer Academy for Neurologic Music Therapy International Training Institutes and Fellowship Trainings for Neurologic Music Therapy since 1999. She is nationally and internationally recognized for her clinical expertise in the

evidence based practice of Neurologic Music Therapy, with clinical experience including 3 ½ years as a music therapist at Wesley Woods Geriatric Hospital and the Center for Rehabilitation Medicine at Emory University Medical School in Atlanta, and 4 years as a Neurologic Music Therapist at Poudre Valley Hospital and The Center for Neurologic Rehabilitation in Fort Collins, Colorado. Her work has included a diverse range of clinical populations including: stroke, Parkinson's disease, traumatic brain injury, cerebral palsy, multiple sclerosis, Alzheimer's disease, autism, and psychiatric disorders. She served on the exam committee for the National Certification Board for Music Therapy (CBMT) as both a member and Committee Chair from 2001-2006, and as an elected member of the CBMT National Board of Directors from 2009-2013. She has also served as President and Vice President of the Midwestern Region of American Music Therapy Association. Dr. Hurt-Thaut has numerous research publications in the area of music and motor control as well as ten book chapters highlighting specific applications of neurologic music therapy to her credit.

For more information about the curriculum, course objectives, and training schedule, visit <http://nmtacademy.co>, or contact Corene Thaut, cthaut@gmail.com.