


The Power of Music in Medicine and Health Care: International Association for Music & Medicine Thailand, July 3-6, 2012

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Abstract

The Power of Music in Medicine and Health Care is the leading theme of the second International Conference of Music & Medicine to be held in Thailand, July 3-6, 2012. A dedicated group of members and associates of the International Association for Music & Medicine (IAMM) are working tirelessly to ensure a superb experience for every delegate. With 3 enticing keynote addresses, and more than 40 papers from presenters traveling from 18 countries of the globe, this promises to be an exciting event for intercultural learning, and interprofessional networking. All are welcome. See more at www.iammthailand.com.

Keywords

music medicine, creative arts therapy, arts medicine, medical music psychotherapy



The International Association for Music & Medicine (IAMM) is proud to support cross-national developments and achievements in this field and to lead new initiatives and successes that provide focus for the ongoing impact and importance of a wide range of applications of music in medical care. It is my privilege to provide leadership for the expanding applications of music in medical and health care contexts that continue to be developed worldwide.

The IAMM will hold its second international conference at Chulalongkorn University in Bangkok, Thailand, July 3-6, 2012, on the theme *The power of music in medicine and health care* (www.iammthailand.com). The conference features 3 exceptional keynote addresses from experts in the music and medicine field.

There will be 42 sessions with speakers who are practicing and researching in 18 countries from 5 continents. Along with music performances, a conference dinner, and a party on the final night, there will be ample opportunity for engaging in

intercultural learning combined with social experiences that promote professional networking.

The keynote speakers from Thailand, United States, and Australia represent the diversity of practice and research in the field of music and medicine. Their presentations will provide delegates with the opportunity to further expand their knowledge of the ways in which music and medicine applications are developing across the world. The broad range of papers reflects the diversity of practices and approaches when music is applied for the benefit of infants, children, adults, parents, caregivers, and staff in health care worldwide. The IAMM is immensely grateful to its generous sponsors, Chulalongkorn University and Thailand's Ministry of Public Health, for supporting this event.

The Venue

Chulalongkorn University is Thailand's first university. It received official status in 1971 but has a history that began almost 100 years before; see <http://www.chula.ac.th/cuen/>. Its campus occupies a vast area in downtown Bangkok, close to

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the popular Siam Square, upscale shops, and adjacent to the most prestigious sports clubs, hotels, famous walking street, and markets.

The IAMM believes that our mutual cooperation with the university holding the conference will build international links and ties to provide a foundation for the future growth of the applications of music and medicine training at the university.



The Chulalongkorn University conference venue

Keynote Speakers

Each of the keynote presenters offers a distinctive perspective to the development of music and medicine worldwide. Dr Claudius Conrad's research into the effects of music for medical patients at the Harvard Medical School, United States, has received much attention in the literature and international media coverage as well. He will present about the present state and future potential for music and medicine and will inspire conference delegates with his academic and practitioner expertise in medicine. As well, his beautiful piano performance will be a highlight. Professor Emeritus Poonpit Amatayakul from Thailand brings a unique perspective from the world of ethnomusicology, demonstrating for delegates how the music of Thailand integrates a body-mind approach to well-being. Dr Helen Shoemark from Australia will share her research about very young infants' need for support and communication that musical interplay can provide.

Claudius Conrad



Claudius Conrad, MD, combines his passion and expertise in both music and medicine. He is uniquely gifted as a talented concert pianist and a brilliant surgeon. As the Director of Music in Medicine in the Department of Surgery and the Benson Henry Institute for Mind Body Medicine at the Massachusetts General Hospital of Harvard Medical School, Dr Conrad is well known

for his work in understanding the impact and role of music in modern medicine. He holds an MD, a doctoral degree in stem cell biology, and a doctoral degree in music philosophy from the University of Munich. He has been lauded for his work, including the Excellence in Research Award, the Leadership Award of the American College of Surgeons, Steinway Artist, and many others. He promotes the scientific use of music in medicine at prominent institutions around the globe.

Poonpit Amatayakul



Poonpit Amatayakul is Professor Emeritus and a Doctor of Medicine specialist in Ear, Nose and Throat. He is a certified Audiologist and a Speech Pathologist. He has worked with people who have disabilities for more than 40 years. He has completed research with children who are deaf, using music as a stimulation prior to the fitting of hearing aids. He has also studied the noise levels and noise-induced hearing loss in exposure to nightclub music. At 74 years of age he is still teaching in the College of Music, Mahidol University. His lecture topics include the physiology of the human ear in relation to speech perception and discrimination of the Thai tonal language. He also teaches physiology of the vocal cords and singing in relation to brain function. He received an honorary doctorate in Musicology, and has conducted dissertation committees for several PhD candidates at the School of Music.

Helen Shoemark



Music therapist Helen Shoemark, PhD, is an inspiring clinician and researcher specializing in work with infants in medical settings. Helen completed her music therapy training at the University of Melbourne and Kansas University, and her PhD from the University of Melbourne. Helen is a music therapist at The Royal Children's Hospital in Melbourne, where she has worked since 1995. Since 2005 she is also the senior music therapist for neonates and infants. The music therapy program features 2 clinical frameworks—the first is focused on the infant's physiological state, using music as a safe stimulus for neurological development; and the second framework is family-centered care in which music is a shared intersubjective experience for the ongoing cognitive and psychological development of the infant in the context of the family. As a researcher at the Murdoch Children's Research Institute, Helen's investigations have focused on developing an effective evidence base for interpersonal intervention with infants and families and particularly the application of music and music therapy for

high-risk newborn infants. Helen's international publication includes a chapter in the recently released text *Music Therapy in Parent-Infant Bonding*, Oxford University Press.¹ She has published numerous refereed journal papers. She is an adjunct professor in the music therapy program at the School of Music, University of Queensland, and is an honorary senior fellow at the School of Music University of Melbourne. Helen regularly presents at conferences in Australia, Europe, and North America. She is a past national president and honorary lifetime member of the Australian Music Therapy Association.

Speakers of Distinction

Our speakers of distinction include Professor Cheryl Dileo, an internationally renowned leader in music therapy. She is the director of the Arts and Quality of Life Research Center at Temple University, Philadelphia. Dr Dileo won the SAGE paper prize at the first international conference of IAMM held in collaboration with Mozart & Music II in Krems, Austria, in 2010. She has made an outstanding contribution to the field of music and medicine, particularly through her recent coauthoring of 7 Cochrane systematic reviews on medical music therapy for the Cochrane Library. She is a founding member of the IAMM and serves on the board of directors. She will indicate how the evidence from the Cochrane Review findings can be applied in clinical practice and will present findings from the study of music applications in cardiac care and for oncology patients.

Joanne Loewy of the Louis Armstrong Center for Music & Medicine, United States and Ralph Spintge of the Department of Algesiology and Interdisciplinary Pain Medicine in Germany, and the coeditors in chief of the journal *Music & Medicine*, respectively, will be leading a joint forum on research in music medicine and music therapy in pain and anesthesia. These leaders in the field of music and medicine have both contributed uniquely to the development of knowledge and the shaping of new ideas. Dr Spintge coined the widely used term MusicMedicine.

Professor Suzanne Hanser (United States) won the SAGE paper prize at the first meeting of the IAMM at the University of Limerick, Ireland, in 2009.

Dr Hanser is the chair of the Music Therapy Department at the Berklee College of Music in Boston and serves on the IAMM Executive Committee as Chair of Communication and Outreach. She will present a contemporary overview of how patient's stress and pain can be managed through music.

A highlight of the program is a preconference seminar that will be delivered by Sandra L. Bertman who is the distinguished professor of Thanatology and Arts at the National Center for Death Education, Mount Ida College, and a founding member of IAMM. Synthesizing visual and creative arts, literature, spiritual values, and cultural beliefs, Dr Bertman's expertise cultivates the therapeutic imaginations of clinicians in clinical and academic settings through illustrated lecture presentations and workshops. She continues to develop and

conduct care for the caregiver projects that she has presented in Africa, Australia, Europe, and Japan. See further information at <http://www.sandrabortman.com/>.

The Use of Music for the Alleviation of Suffering in Cancer and Palliative Care

Clinicians and researchers from a wide range of backgrounds, as well as medical and therapy students and interested members of the public, will be interested in the series of papers throughout the conference program that present the many uses of music with patients who have life-threatening cancer.

Annette Baron, Clare O'Callaghan, Philippa Barry, and Beth Dun are the members of an Australian music therapy research team, who have conducted research on the experiences of parents, children, and therapists when providing and/or receiving music-based care in pediatric oncology. Their paper shows how music therapy research can capture and evaluate multiple user and practitioner perspectives. Stéphane Guétin and colleagues will present findings of an RCT they conducted on the effects of a music intervention on chronic pain. Maya Charlton (United States) will describe her work in Pediatric Palliative Care, and Mayra Hugo (Uruguay) will demonstrate how music can be an effective support for children with cancer through their journey. John Mondanaro, Andrew Rossetti, Bernardo Canga, Natalia Garrido, and Jillian Hicks from the Beth Israel Medical Center in New York City will present examples with Joanne Loewy about how music and medicine can be effective partners for supporting newly diagnosed patients with cancer undergoing radiation and/or chemotherapy.

Melanie Kwan and Ashley Spears (Singapore) will reflect upon how music therapy for women receiving cancer treatment at KK Hospital Singapore can provide a bridge across cultural divides. Lucy Forrest (Australia) will explain some of the ethical and practical considerations that arise when conducting music therapy research with a culturally diverse population in community pediatric palliative care.

Melanie Kwan (Singapore) will report how music therapy can meet the needs and preferences of palliative care patients across health care settings. Clare O'Callaghan, Fiona McDermott, Peter Hudson, and John Zalberg are a well-established research group from the the Peter MacCallum Cancer Hospital in Melbourne Australia. They have investigated music's relevance for bereaved caregivers in supporting the grieving process. The presentation of their findings will help delegates to understand music's effects as described by caregivers.

Emma O'Brien (Australia) is the founder of the Opera Music Therapy approach which was featured in an award winning documentary in 2005 (<http://litmed.med.nyu.edu/Annotation?action=view&annid=10213>). Ms O'Brien will present the outcomes of a multisite randomized controlled trial that evaluated the effect of songwriting on the quality of life of adult patients with cancer.

Cultural Aspects of Music in Therapy and Medicine

Our meeting in Thailand with delegates and speakers from throughout the world will provide an excellent opportunity to explore the cultural aspects within the music and medicine field. Sumathy Sundar (India) and Gerhard Tucek (Austria) have collaborated to study the Eastern traditional chakra energy and have combined this with an examination of heart rate variability in music therapy students. Colleagues working in India and Nepal, Lucanne Magill, Somesh Purey, Kedar Gandhari, and Margaret Lobo, will report on the ways that music therapy is used in oncology and palliative care contexts in India.

Dena Register is an assistant professor of music therapy and music education at the University of Kansas, Kansas. She will present her findings about client responses to musical selections from varying cultural traditions during music therapy sessions.

Music in Medical Settings

Colleagues from Thailand will inform delegates about the way that music is used in medical and other health-related settings



Dr Vatanasapt and patient

in their country. Patravoot Vatanasapt is an otolaryngologist specialized in head and neck surgery. He graduated from Khon Kaen University, obtained otolaryngology training at Chulalongkorn University, Thailand, and was awarded an MSc in epidemiology from the Harvard School of Public Health, Harvard. He is a founding member of IAMM and is the current secretary. Together with Benjamin Prathanee, MD, they will demonstrate the uses of music for postlaryngectomy patients in Khon Kaen, Thailand.

Bussakorn Binson is a founding member of IAMM and the convener of our conference at Chulalongkorn University, July 2012. She has studied the effects of music therapy on patients undergoing hemodialysis in the Bangkok Metropolitan Administration Hospitals and will present the

findings. Supalek Khehmthong, U. Pejarasangharn, T. Uptamohtiwat, S. Laksamevong, A. Pipotapan, and A. Khomya have examined the effects of music on the psychomotor performance of older people, and Pornpan Kaenampornpan will present on the ways that music therapy can help parents and their children with special needs in Khon Kaen, Thailand.

Recent research studies have indicated that the range of applications for music in specific areas of medical care is expanding, and many of these innovative applications will be presented at the conference. For example, Linda L. Chlan and Annie Heiderscheit (United States) have examined patient-initiated music listening on anxiety in mechanically ventilated patients in the ICU. Alison Short and David Greenfield (Australia) have conducted extensive research into the applications of music in emergency department care. They will provide information about how they collaborated in developing the research and how they implemented their protocols.

Donna Chadwick and Karen Wacks (United States) have developed a custom music delivery system that can be applied in multiple medical settings.

Fred Schwartz (United States) is a founding member of the IAMM and serves as the association's treasurer. He is an anesthetist with a long career of practice and has conducted research into the effects of music for patients in health care. He will present on music and cardiac health. Diego Shapira (Argentina) will indicate the ways that supervision can be provided for a medical music therapy team.

International and Diverse

The IAMM aims to attract the widest diversity of practitioners and colleagues to consider the broadest range of relevant topics possible. Our conference in collaboration with Chulalongkorn University reflects the breadth of our interests and our openness to a range of contexts and practices where intersections between music and medicine can and have been elaborated. Vera Brandes is a founding member of IAMM and serves on the executive committee as the vice president. She will present a proposal for increasing the links and cooperation between MusicMedicine and Music Therapy.

Delegates will be able to attend papers about musician's health (Stephan Quentzel, United States; and Ronan Kavanagh and Niall Keegan, Ireland) and the emergence of the music performer in a new health care role (Constanza Preti, United Kingdom). Assessments and protocols will be presented for the use of music with patients who have traumatic brain injury (Eunju Jeong, South Korea), and infants with cerebral palsy (Yoon Jin, Lee Hye Kyoung, Won and Suyeon Lee, South Korea).

We are also pleased to welcome researchers who investigate music listening effects. Hyun Ju Chong (South Korea) has studied the effects of "brightness" on the physiology and mood of music listeners, and Jeannine L. Calaba (United States) will present on neurosound electroencephalogram therapy.



The IAMM Conference organizing committee

Other treatment approaches in music for health and well-being will be presented. Esa Ala-Ruona (Finland) and Joanne Loewy (United States) will provide information about music psychotherapy assessment and its role in integrative medicine. Roland Lay (Singapore) will show the value of the integration of music and art therapy, and Kaba Kamisubo (Japan) will describe how music therapy and music education can be linked in practice.

Acknowledgments

This conference will supply much needed networking opportunities for the world music and medicine community and will encourage the development of further ties and connections internationally. It is with deep gratitude that I thank all of the presenters listed here, and the many others who are also on the program. Their highly apparent commitment to the field of music and medicine is inspirational. The provisional program can be accessed at http://www.iammthailand.com/program_overview.html#t.



An international conference requires extensive energy from many people. I would like to most sincerely thank the conference convenor, Dr Bussakorn Binson, who continues to work untiringly with the conference organizing committee to whom we are so obliged for providing information about each and every detail of the conference to ensure it will be a wonderful experience for delegates and

presenters and will further build knowledge and expertise in music and medicine throughout the world community.

The cochairs of the scientific committee, Dr Clare O'Callaghan and Dr Patravoot Vatanasapt have worked with their committee members to ensure that the conference papers are of the highest standard. The chair of the poster sessions, Dr Thomas Stegemann, is to be thanked for his commitment to ensuring the poster presentations reflect the diversity and expertise available in research and practice.



The members of the IAMM Executive Board provide commitment and support to the ambitious aspirations of the Association. A heartfelt thanks is given to the members of the executive board for their support and ongoing efforts in so many endeavors toward our vital cause. The IAMM Executive Board comprises Vera Brandes (Vice President), Patravoot Vatanasapt (Secretary), Fred Schwartz (Treasurer), and the Committee Chairs; Clare O'Callaghan (Conference), Sumathy Sundar (Global Reporting), Suzanne Hanser (Communications and Outreach), and Connie Tomaino (Development & Finance).

As the inaugural President of IAMM, I warmly welcome you to our second international conference in Bangkok, Thailand, where you will explore, share, and discover the wonders of this vast country with colleagues and friends from throughout the world (www.iammthailand.com).

Author's Note

The conference program is correct at the time of going to press. IAMM reserves the right to change any aspect of the program as



necessary, and to provide substitute speakers where cancellations or changes occur.

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Reference

1. Edwards J, ed. *Music Therapy and Parent Infant Bonding*. Oxford, England: Oxford University Press; 2011.

Bio

Jane Edwards, PhD, is an Associate Professor and Director of the Music & Health Research Group at the University of Limerick, Ireland. She is the inaugural president of the International Association for Music & Medicine.