



On the MaHRC

The Newsletter of the Music and Health Research Collaboratory

Volume 2 No. 5,
July, 2013

Faculty of Music
University of Toronto

MaHRC General News

Search for MaHRC Director Underway

The Faculty of Music, University of Toronto invites applications for a full-time tenure-stream appointment as Director of the Music and Health Research Collaboratory (MaHRC). This appointment will be at the rank of Associate or Full Professor and will begin July 1, 2014. This appointment will be for an initial 5-year term renewable upon a successful review.

Applicants must be experienced researchers with an excellent track record of achievement in one or multiple areas of research addressed by MaHRC: Music & Health in (1) music teaching, learning and performing (including musicians' health and performance science); (2) therapy and medicine; (3) body, mind, and brain; (4) society and culture. Candidates must have demonstrated effectiveness in teaching, program planning, and supervision of graduate and post-doctoral research, as well as administrative experience in the leadership and management of large research initiatives.

Responsibilities of the Director of MaHRC are to manage the Collaboratory and implement University policy in all aspects of its operation; lead the research vision of MaHRC in all its areas; conceptualize, motivate, promote, and facilitate a research agenda among MaHRC participants; create an environment conducive to the growth of intellectual life within the Collaboratory and to maintain the confidence and co-operation of MaHRC researchers and organizations as well as administrative staff; manage effectively and efficiently the external relations of MaHRC, both within the University and in the wider community, so as to facilitate support for its research activities; provide leadership in the development of a Music and Health graduate program; teach courses related to the MaHRC research and training agenda relevant to areas of expertise.

We are looking for a mid-career or senior scholar/scientist with internationally recognized achievement in research in one or more of MaHRC's research areas. A completed doctorate is required by time of appointment or shortly thereafter. Strong musical background is expected. Medical education and clinical experience is

a key asset. Institutional administrative experience is essential. The Director reports to the Dean of Music, and collaborates with numerous other research teams and academic units within the University and in the broader hospital and clinical research communities.

The University of Toronto is located in the heart of one of the world's great cities, the culturally rich and diverse city of Toronto, and the Faculty of Music plays a vital role in its musical and education life. MaHRC is a new and emerging research collaboratory with aspirations for a global leadership position in the rapidly evolving field of Music & Health. There are currently about 25 member labs and a growing number of research associates with an active research agenda underway. The Faculty of Music is an academic division of Canada's largest and internationally top-ranked research university. It offers undergraduate, masters, and doctoral degrees in music education, performance including jazz and opera, ethnomusicology, composition, and musicology/theory, and a collaborative program with the Ontario Institute for Studies in Education.

All qualified candidates are invited to apply by clicking on the link below. Applications should include a cover letter, curriculum vitae, teaching dossier (including a statement of teaching philosophy and evidence of effectiveness in graduate teaching and supervision), and a statement outlining current and future research interests, as well as a small number of most relevant scholarly work or a link to a website of samples. If you have any questions regarding this position, please contact dean.music@utoronto.ca.

The online application system can accommodate up to five attachments (10 MB) per candidate profile, so please feel free to attach multiple files (letter of intent, CV and statement, for example) as one document in PDF/MS Word format. Submission guidelines can be found at <http://uoft.me/how-to-apply>.

Applicants should also arrange to have three letters of reference sent directly to the Faculty via e-mail at dean.music@utoronto.ca. Review of applications will begin as of October 15, 2013.

For more information about the Faculty of Music, please visit our home page.

<http://www.music.utoronto.ca/site5.aspx> and for MaHRC
<http://www.music.utoronto.ca/about/MaHRChome.htm>

Appointments to MaHRC

Since the inception of MaHRC in 2012, collaborations have been established with researchers from many universities and hospitals. To formalize these relationships for ongoing research and future projects, adjunct and cross-appointments have been processed for the following researchers and the Faculty of Music as the Department for MaHRC. Over half of this team of researchers was involved in the application for the Connaught Global Challenge grant in Music Medicine in Aging. Eight universities are represented in the group and nine hospitals. The appointments also represent 24 of the collaborating labs or centres in MaHRC.

Appointed to MaHRC, Faculty of Music:

Heidi Ahonen, PhD, MTA. Director of Conrad Institute for Music Therapy Research; Professor of Music Therapy at Wilfrid Laurier University.

Claude Alain, PhD. Assistant Director and Senior Scientist of the Rotman Research Institute at the Baycrest Centre and Professor in the Department of Psychology & Institute of Medical Sciences, University of Toronto.

Quincy Almeida, PhD. Associate Professor, Department of Kinesiology and Physical Education, Faculty of Science; Director, Sun Life Movement Disorders Research & Rehabilitation Centre, Wilfrid Laurier University.

Dr. David Alter, MD, PhD, FRCPC. Cardiologist in the Department of Medicine, St. Michael's Hospital and Toronto Rehabilitation Institute, Associate Professor in the Department of Medicine. Senior Scientist in the Institute for Clinical Evaluative Sciences.

Dr. Jennifer Anderson, MD, FRCSC. St Michael's Hospital, Assistant Professor and Otolaryngologist in Chief, Department of Otolaryngology - Head and Neck Surgery University of Toronto

Gavin Andrews, PhD. Professor, Department of Health, Aging, & Society, McMaster University. Specialty: Human Geography and Social Gerontology.

Dr. John Axler, MD, CCFP. Primary Care Today Course Director, and Director of Continuing Education Projects for the Department of Family and Community Medicine, University of Toronto.

Katherine M. Boydell, PhD. Senior Scientist and Scientific Director of Qualitative Inquiry, Child Health Evaluative Sciences, The Hospital for Sick Children; Associate Professor, Departments of Psychiatry and Dalla Lana School of Public Health.

Dr. Davor Cepo, DC. Wasser Pain Management Centre, Mount Sinai Hospital; Instructor in the McMaster Contemporary Medical Acupuncture Program.

Tom Chau, PhD. Vice President, Research - Holland Bloorview Kids Rehabilitation Hospital; Director, Research - Bloorview Research Institute; Associate Professor, Institute of Biomaterial & Biomedical Engineering, University of Toronto; Canada Research Chair in Paediatric Rehabilitation Engineering

Dr. Joseph Chen, MD, FRCSC. Otolaryngologist-in-Chief at Sunnybrook Health Sciences Centre; Associate Professor, University of Toronto. (cv on file)

Joyce Chen, PhD. Stroke Rehabilitation Scientist, Heart and Stroke Foundation Centre for Stroke Recovery, Sunnybrook Hospital; Assistant Professor, Department of Physical Therapy, Associate Member, Graduate Dept. of Rehabilitation Science, University of Toronto;

Dr. John Chong, MD, CGPP, ABIME, FACPM, FRCPC, DOHS, ARCT. Medical Director of Musicians' Clinics of Canada.

Amy Clements-Cortes, PhD. MTA, MT-BC, FAMI. Senior Music Therapist, Baycrest Centre; Assistant Professor of Music Therapy, University of Windsor; President of Canadian Association for Music Therapy.

Maureen Dennis, PhD. Senior Scientist, Psychology, The Hospital for Sick Children Neurosciences & Mental Health, Research Institute Professor, Surgery and Psychology, University of Toronto Professor, Institute Medical Sciences

Colleen Dockstader, PhD. Research Associate, Mabbott Laboratory, Sick Kids Hospital.

Michael J Evans, PhD. Professor of theoretical statistics and biostatistics, University of Toronto, with cross-appointment to the Dalla Lana School of Public Health.

Joaquin Farias PhD. Professor of Ergonomics at the Conservatorio Superior de Música de Sevilla. Collaborating on a research program with the Kinesiology Unit at the School of Medicine at the University of Valencia.

Dr. Morris Freedman, MD, FRCP(C). Head of Neurology, Executive Medical Director of the Centre for Memory and Neurotherapeutics, and Medical Director of the Ross Memory Clinic at Baycrest; Professor in the Division of Neurology, Department of Medicine; Director of the Behavioural Neurology Section, Division of Neurology, University of Toronto. Scientist at the Rotman Research Institute of Baycrest Centre.

Shari Geller, PhD. Clinical Psychologist; Creator of the Therapeutic Rhythm and Mindfulness Program (TRM™). Faculty in Health Psychology, York University; Applied Mindfulness Meditation (AMM) program at University of Toronto.

Dr. Allan Gordon, MD, FRCP(C) Clinical Neurologist and Director of the Wasser Pain Management Centre, Mount Sinai Hospital.

Jessica Grahn, PhD Assistant Professor at the Centre for Brain and Mind in the Department of Psychology, University of Western Ontario. (CV on file)

Robert Harrison, PhD. Senior Scientist in Otolaryngology, Neurosciences & Mental Health, and Auditory Science at Sick Children's Hospital; Scientific Director of The Hearing Foundation of Canada. Professor, Department of Otolaryngology, Head and Neck Surgery; Professor, Department of Physiology, Institute of Biomaterials & Biomedical Engineering.

Sylvain Houle, PhD. Director of the Research Imaging Centre at the Centre for Addiction and Mental Health (CAMH) and the University of Toronto.

Gabriela Ilie, PhD. Lecturer, Department of Psychology, University of Toronto, UTS; Post-Doctoral Fellow, St. Michael Hospital, Neurosurgery, Injury Prevention Office and Centre for Addiction and Mental Health

Pia Kontos, PhD. Scientist, Toronto Rehabilitation Institute; Assistant Professor in the Dalla Lana School of Public Health.

Dr. Larry Librach, MD, CCFP, FFCP. Sun Life Chair in Bioethics and Director at Joint Centre for Bioethics, University of Toronto; Professor & Head, Division of Palliative Care at University of Toronto.

Nancy J. Lobaugh, PhD. CAMH Independent Scientist with the Research Imaging Centre MRI Suite and Assistant Professor of Neurology at the University of Toronto Faculty of Medicine.

Aaron J. Low, MSc. Speech-Language Pathologist, The Voice Clinic, Toronto.

Renee Lyons, PhD, Bridgepoint Chair in Complex Chronic Disease, TD Scientific Director, Bridgepoint Collaboratory for Research and Innovation; Professor in the Dalla Lana School of Public Health at the University of Toronto.

Lynn McDonald, PhD. Professor, Faculty of Social Work; Director, Institute for the Life Course and Aging; Scientific Director, National Initiative for the Care of the Elderly (NICE)

Patricia McKeever, PhD. Senior Scientist, Theme Leader, and Bloorview Kids Foundation Chair in Childhood Disability Studies, Bloorview Research Institute;

Professor, Faculty of Nursing, University of Toronto; Cross-Appointments to Department of Family and Community Medicine, Dalla Lana School of Public Health; Department of Paediatrics; Institute of Medical Sciences; and the Collaborative Program in Bioethics

Dr. Henry Moller, MD, DABSM, FRCPC. Assistant Professor, Department of Psychiatry, University of Toronto; Toronto Sleep Clinics.

Sylvain Moreno, PhD. Scientist, Rotman Research Institute, Baycrest Hospital; Assistant Professor, Department of Psychology, University of Toronto; Director, NeuroEducation Across the Lifespan Laboratory, Rotman.

Dr. Lili Naghdi, MD, CCFP. The Health Centre of Maple, Sound Therapy Centre of Vaughan.

Dr. Allan Peterkin, MD, FRCP(C). FCFP. Associate Professor, Psychiatry and Family Medicine, University of Toronto; Coordinator, Family Medicine Fellowship in Psychotherapies; Coordinator, Narrative Medicine and Humanities Program at Mount Sinai Hospital;

Dr. Larry M. Picard, MD. FRCP(C). Clinical Neurologist, Wasser Pain Management Centre, Mount Sinai Hospital.

Rebecca Renwick, PhD. Professor, Department of Occupational Science and Occupational Therapy; Director of the Quality of Life Research Unit. University of Toronto.

Larry E. Roberts, PhD. Professor in the Department of Psychology, Neuroscience, and Behaviour at McMaster University.

Mark Rosenberg, PhD. Professor of Geography, Professor of Community Health and Epidemiology, Canada Research Chair in Development Studies, Queen's University; Co-chair of the Earth System Science Partnership Joint Project on Global Environmental Change and Human Health.

Bernard Ross, PhD. Senior Scientist at Rotman Research Institute, Baycrest Centre and Associate Professor in the Department of Medical Biophysics.

Frank Russo, PhD. Associate Professor, Department of Psychology, Ryerson University; Director, Science of Music, Auditory Research and Technology Laboratory.

Glenn Schellenberg, PhD. Professor, Department of Psychology, University of Toronto. Director, Music & Cognition Laboratory, UTM

Mark Schmuckler, PhD. Professor, Department of Psychology, University of Toronto; Director, Laboratory for Infant Studies; Director, Music Cognition Laboratory, UTS.

Michael Schutz, PhD. Assistant Professor of Music, McMaster University; Director, MAPLE (Music, Acoustics, Perception, and LEarning) Lab. Core member, McMaster Institute for Music and the Mind (MIMM) Associate Member, Department of Psychology, Neuroscience, & Behaviour

Sandra Trehub, PhD. Professor Emeritus, Department of Psychology, University of Toronto; Director, Auditory Development Laboratory, UTM

Lidan You, PhD. Assistant Professor, Department of Mechanical and Industrial Engineering, University of Toronto. Specialty: Cellular and molecular biology, biomechanics, mechanotransduction, and computational modeling.

Sphere: Sound & Health in Therapy and Medicine

Ontario Medical Association District 11 Features Lecture by MaHRC Guest, Dr. Michael Thaut



On May 15, 2013 Dr. Michael Thaut presented 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. The talk was held at Mount Sinai Hospital Auditorium due to the large pre-registration and saw some 225 attend. 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.

MaHRC Hosts NMT Training



The four-day training course in NMT was held at MaHRC from June 16 – 19 and was fully registered with therapists from across Canada. All successfully completed the course and were awarded a certificate in advanced Neurologic Music Therapy training from the Robert F. Unkefer Academy for Neurologic Music Therapy. This allows the board-certified music therapist to practice and use the credential of Neurologic Music Therapist (NMT) for three years. The training course was conducted by Dr. Michael Thaut and Corene Thaut from Colorado State University. Dr. Amy Clements-Cortes, MaHRC

Associate, organized the course.



Neurologic Music Therapy (NMT) is defined as the therapeutic application of music to cognitive, sensory, and motor function due to neurologic disease of the human nervous system. Neurologic Music Therapy is research-based. Its treatment techniques are based on the scientific knowledge in music perception and production and the effects thereof on nonmusical brain and behavior functions.

Populations served by Neurologic Music Therapists include, but are not limited to: stroke, traumatic brain injury, Parkinson's and Huntington's disease, cerebral palsy, Alzheimer's disease, autism, and other neurological diseases affecting cognition, movement, and communication (e.g., MS, Muscular Dystrophy, etc.).

IAMM 3rd International Conference 2014 - Call for Papers

The 3rd International conference of IAMM will be held at the University of Toronto In June 2014. For the call for papers and general conference information, please see

<http://www.iammcanada.com>

Music Care Conference and Research Symposia 2013



The Music Care Conference, November 9, 2013 is full-day Conference is intended for doctors, nurses, social workers, religious workers, family care givers, long term care workers and many others interested in learning more about the potential and practice of using music in the context of care. The conference this year is surrounded with research symposia on Friday and Sunday intended to provide opportunity for greater depth in the research on music medicine in care. For more information regarding the Saturday conference please click on the link.

<http://musiccareconference.ca/speaker-information/>

Friday November 8, 1:00 – 5:00 pm. **Music and Neurodegenerative Conditions**
Presentations of research are planned to include: Dr. Gottfried Schlaug, Harvard University, Frank Russo, Ryerson University, Quincy Almeida, Laurier University, Bernhard Ross, Baycrest, Takako Fujioka, Stanford University, and Vera Brandes, Paracelsus University, Austria.

Sunday November 10, 9:00 – 12:00 **Music and Quality of Life**
Presentations are planned to include: Russell Hilliard, Chicago, Rebecca Renwick, University of Toronto, Jaakko Erkkilä, Finland, Vera Brandes, Austria, with panel response by Joanne Loewy, New York and Dr. Ralph Spintge, Germany.

Sunday November 10. 1:30 – 5:00 **Music and Pain**
Presentations are planned to include: Dr. Ralph Spintge, Germany, Joanne Loewy, New York, and recent MaHRC research by Larry Picard, Lili Naghdi and others.

Program details will be available shortly.

Sphere: Sound & Health in Body Brain and Mind

FREE LECTURE: "Music and the Brain – An Overview."

On Sunday August 11, as part of the conference of the Society for Music Perception and Cognition, Dan Levitin will present a talk entitled "Music and the Brain – An Overview." He will discuss three broad questions from the cognitive neuroscience of music: Why we like the music we like, how people become musical experts, and what areas of the brain are activated by music, with plenty of musical examples. This is a free public lecture to be held at Ryerson University. Daniel J. Levitin is author of "This is your brain on music" and "The World in 6 songs." If you are interested, please register early via eventbrite to guarantee seating.

<http://smpc2013-estw.eventbrite.com>

Music Visualization Workshop



On Friday May 31, a full-day workshop was held in conjunction with the American Synesthesia Association Conference at the Faculty of Music. The workshop engaged participants in the creation of visual responses to selected pieces of music. This collaboration between the CRSC, OCAD University, MaHRC, the ASA, and The Gryphon Trio, involved invited musicians, artists, designers, synesthesia researchers, and synesthete and non-synesthetes. Workshop participants used both analog and digital media (e.g. drawing/painting materials, computers or tablets) to generate immediate responses to compositions by synesthete and non-synesthete composers, played by The Gryphon

Trio and friends. The workshop was punctuated by lectures and discussions by leading researchers on sound-colour synesthesia.

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