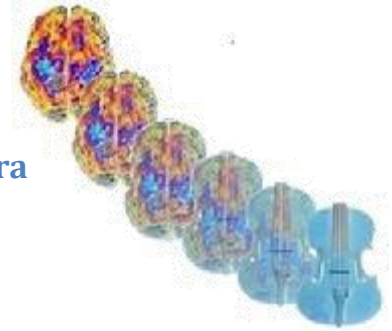


# Crossing the Corpus Callosum II: Neuroscience, Healing, and Music



A symposium hosted by Longwood Symphony Orchestra  
and The Lab at Harvard

Saturday, January 29, 2011 9:00-5:00

The Lab at Harvard

Northwest Building, Harvard University

## Aims and scope

How does music shape the developing brain? How can music aid recovery from neurological disorders? Can music be the way towards recovering functions for children with autism? These questions and more will be explored in a day-long symposium on neuroscience, healing, and music at Harvard University. Hosted by **Longwood Symphony Orchestra** (the non-profit orchestra of Boston's medical community) and **The Lab at Harvard** (a new forum and platform for idea experimentation), the symposium will explore the intersection between music, science, and medicine, through a day of talks, panel discussions, musical performances and networking opportunities for all who have an interest in topics related to the science and health of music.

## Program

The schedule will include a day-long course of events including talks by experts on music and brain development, music and rehabilitation, and a discussion panel on music and autism.

- Gottfried Schlaug, MD PhD, from Beth Israel Deaconess Medical Center and Harvard Medical School, will speak about the effects of music on brain development and rehabilitation.
- Nina Kraus, PhD, from Northwestern University, will speak on using music for the development of listening and learning skills.
- Nadine Gaab, PhD, from Children's Hospital Boston and Harvard Medical School, will speak on the influences of musical training on language processing and executive functioning in typical and atypical developing children.
- Laurel J. Trainor, PhD, from McMaster University, will speak on benefits of music making on the infant brain.
- Arthur Bloom from Renovation in Music Education (RIME) will speak on using music as a rehabilitative tool for soldiers suffering from traumatic injuries.
- A panel on the effects of music on autism. Panelists include the Boston Higashi School for Autism, Catherine Wan, PhD (Beth Israel Deaconess Medical Center and Harvard Medical School), and Nicholas Lange, ScD (McLean's Hospital, Harvard Medical School / Harvard School of Public Health).

Chamber music will be provided by musicians from the Longwood Symphony Orchestra.

## Registration, submissions, and more information

Please see <http://www.longwoodsymphony.org/neurosciencesymposium.html> for details.

