

Resource Summary Report

Generated by T1D on Jul 29, 2026

Music and Neuroimaging Laboratory

RRID:SCR_005447

Type: Tool

Proper Citation

Music and Neuroimaging Laboratory (RRID:SCR_005447)

Resource Information

URL: <http://www.musicianbrain.com/#index>

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Description: The human brain has the remarkable ability to adapt in response to changes in the environment over the course of a lifetime. This is the mechanism for learning, growth, and normal development. Similar changes or adaptations can also occur in response to focal brain injuries, e.g., partially-adapted neighboring brain regions or functionally-related brain systems can either substitute for some of the lost function or develop alternative strategies to overcome a disability. Through ongoing research, the Music and Neuroimaging Laboratory's mission is to: * Reveal the perceptual and cognitive aspects of music processing including the perception and memory for pitch, rhythmic, harmonic, and melodic stimuli. * Investigate the use of music and musical stimuli as an interventional tool for educational and therapeutic purposes. * Reveal the behavioral and neural correlates of learning, skill acquisition, and brain adaptation in response to changes in the environment or brain injury in the developing and adult brain. * Reveal the determinants and facilitators for recovery from brain injury. Project topics include: Aphasia Therapy, Singing and Speaking, Tone Deafness / Congenital Amusia, Motor Recovery Studies, Music and Emotions, Music and Autism, Children and Music Making, Brain Stimulation, Adult Musician Studies, Absolute Pitch Studies, Acute Stroke Studies

Abbreviations: Music and Neuroimaging Laboratory

Synonyms: Music Neuroimaging Laboratory, Music & Neuroimaging Laboratory

Resource Type: data or information resource, organization portal, laboratory portal, topical portal, portal

Keywords: neuroimaging, music, autism, human, child, adult, singing, voice, motor system function, brain, brain injury, traumatic brain injury, stroke, emotion

Funding: The Dana Foundation ;
International Foundation for Music Research ;

Grammy Foundation ;
Nancy Lurie Marks Family Foundation ;
Sourcetone LLC ;
NSF ;
NINDS ;
NIDCD

Resource Name: Music and Neuroimaging Laboratory

Resource ID: SCR_005447

Alternate IDs: nlx_144538

Record Creation Time: 20220129T080230+0000

Record Last Update: 20260729T044123+0000

Ratings and Alerts

No rating or validation information has been found for Music and Neuroimaging Laboratory.

No alerts have been found for Music and Neuroimaging Laboratory.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.