

# Resource Summary Report

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## Music and Neuroimaging Laboratory

RRID:SCR\_005447

Type: Tool

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### Proper Citation

Music and Neuroimaging Laboratory (RRID:SCR\_005447)

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### 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, topical portal, organization portal, laboratory 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:** 20260819T044136+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.