Music and Wellness: Benefits of Engaging with Music and Promotion of Positive Mental Health







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08/09/21



New England (HHS Region 1)



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If you have questions during the event, please use the chat



If you have questions after this session, please e-mail: newengland@mhttcnetwork.org.

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The MHTTC Network uses affirming, respectful and recovery-oriented language in all activities. That language is:

INVITING TO INDIVIDUALS PARTICIPATING IN THEIR OWN JOURNEYS

STRENGTHS-BASED AND HOPEFUL

PERSON-FIRST AND FREE OF LABELS

INCLUSIVE AND
ACCEPTING OF
DIVERSE CULTURES,
GENDERS,
PERSPECTIVES,
AND EXPERIENCES

NON-JUDGMENTAL AND AVOIDING ASSUMPTIONS

RESPECTFUL, CLEAR AND UNDERSTANDABLE

HEALING-CENTERED AND TRAUMA-RESPONSIVE

CONSISTENT WITH OUR ACTIONS, POLICIES, AND PRODUCTS

Mental Health Self-Care During the COVID-19 Pandemic for Health Care Workers and First Responders



Health is a balance



Covid risk, illness in self/ loved ones,

Medical illness

Burnout/job loss, closed schools

Sleeplessness, sedentariness

Social distancing, Loneliness

Fear, Misinformation

Stigma

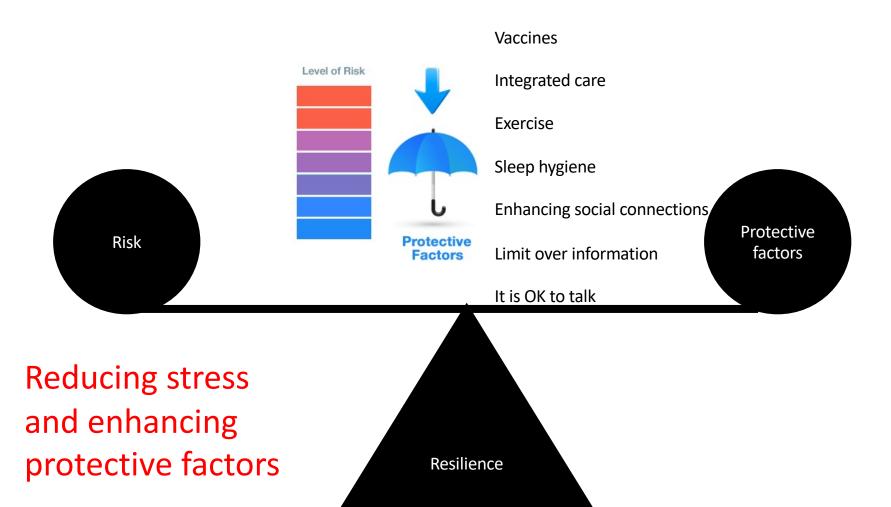


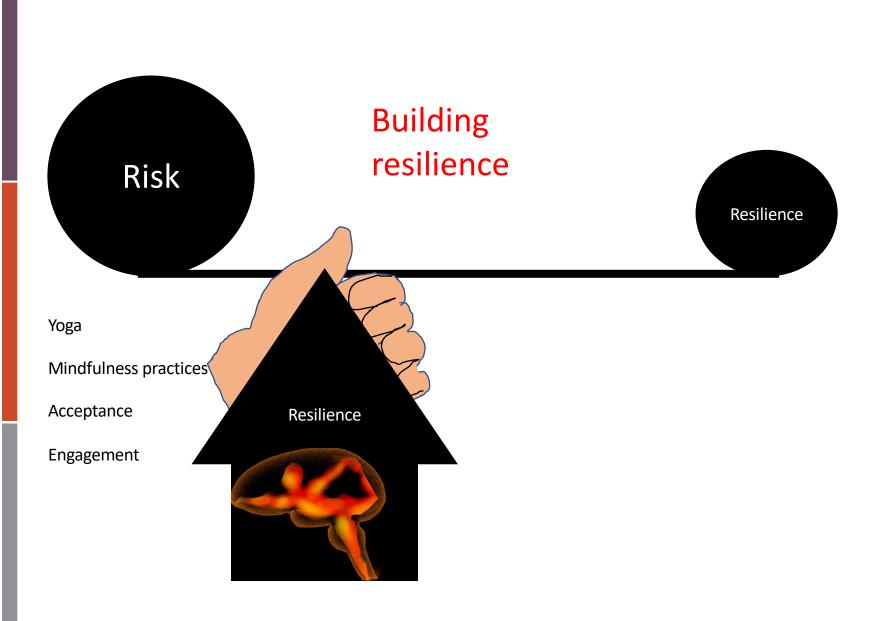
Protective factors



Risk

Resilience





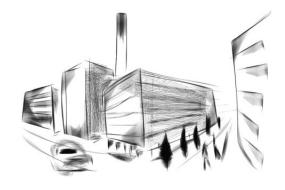
MHTTC Wellness series: building resilience

- Acceptance and Commitment (Friedman-Yakoobian) 5/25/2021
- Yoga (Varambally, Bhargav, and Gangadhar) 6/15, 6/17
- Mindfulness based resilience building (DeTore and colleagues) 7/21
- Music and Wellness (Hegde) 8/9
- Sleep hygiene (Cunningham)
- Enhancing positivity (Yen)

Other upcoming topics:

- Substance abuse
- Meditation

Matcheri Keshavan MD, Raquelle Mesholam-Gately PhD, Rachal Hegde MS





Music and Wellness: Benefits of Engaging with Music and Promotion of Positive Mental Health





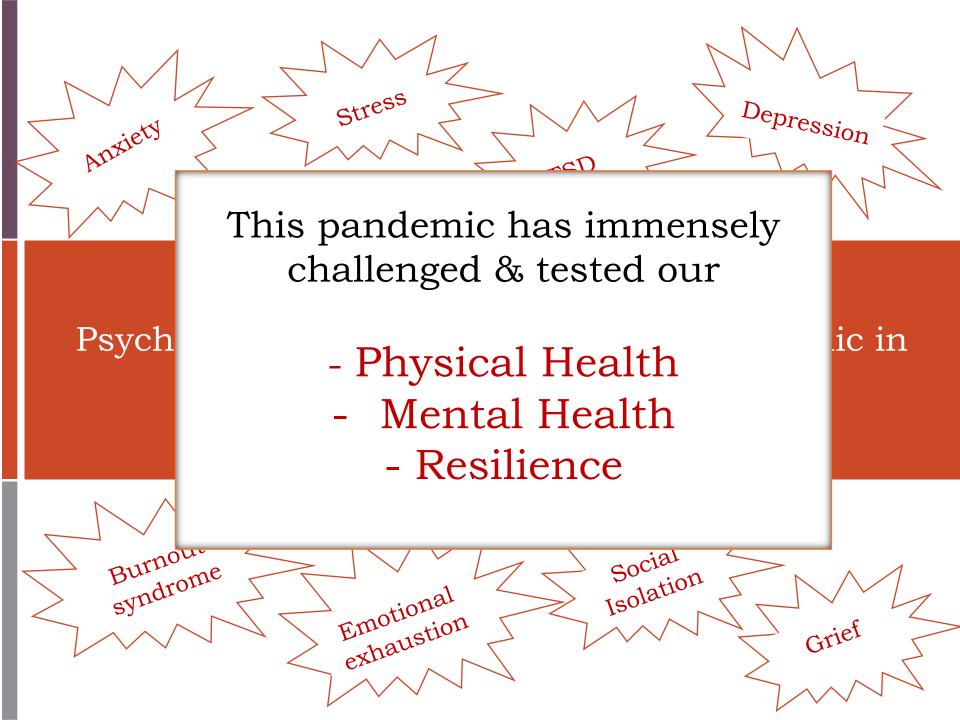


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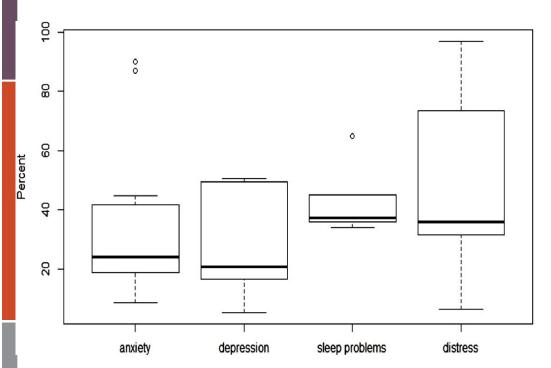


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Mental health impact of the covid-19 pandemic on frontline health care workers



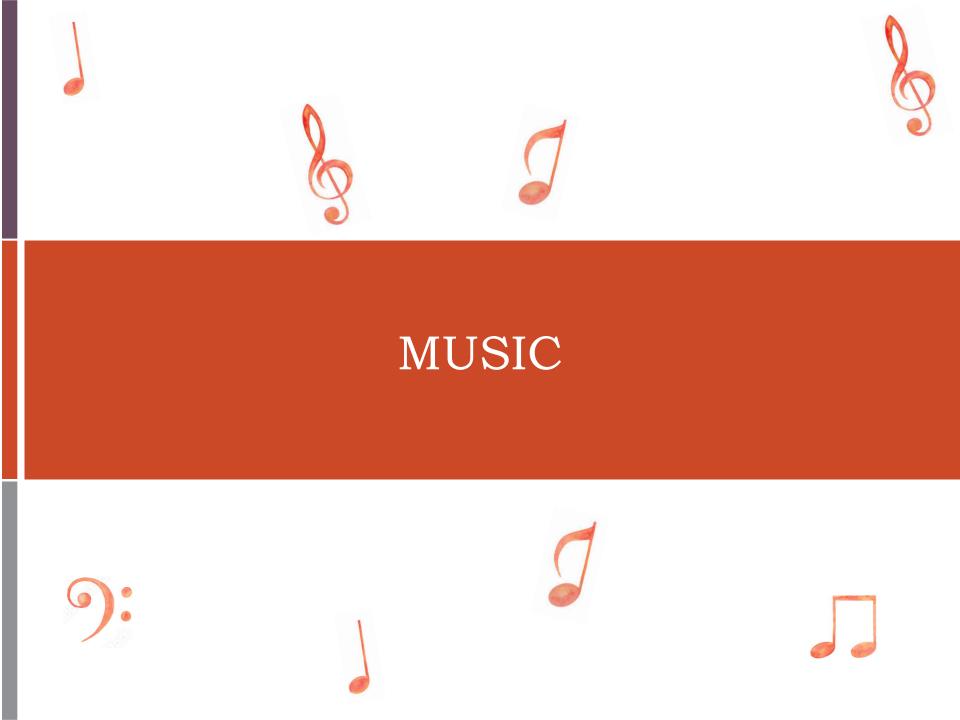
Anxiety -9% to 90% (median - 24%)

Depression - 5% to 51% (median of 21%)

Sleeping problems -34% to 65% (median of 37%)

Distress -7% to 97% (median -37%)

Somatic symptoms, including decreased appetite or indigestion (59%) & fatigue (55%).



Stress buster & help uplift mood

Kill boredom during lockdown

Helped us connect with others

Helped us connect with oneself

Music

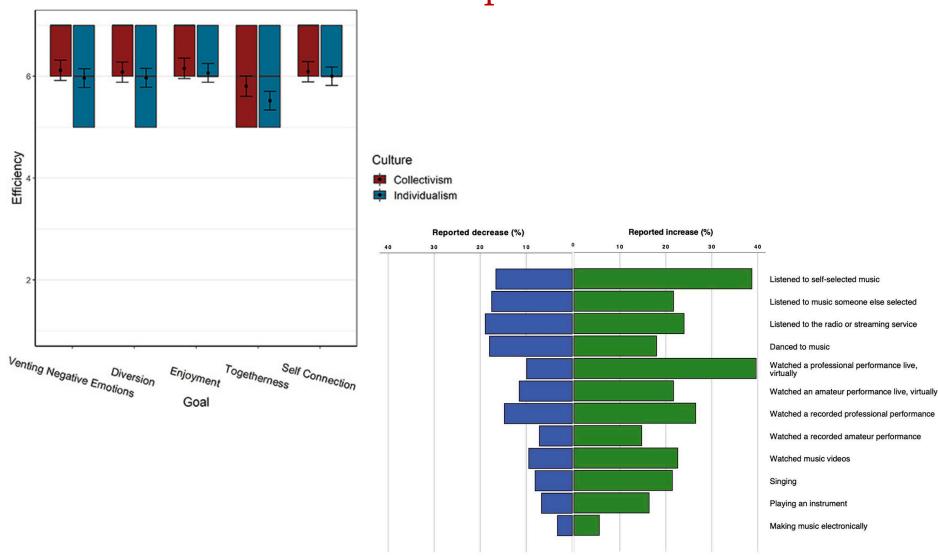
Helped us grieve & experience other emotions

Helped us with quality asleep

Facilitated religious or spiritual practices

Helped our patients

Musical engagement during the COVID-19 pandemic





How MUSIC can facilitate

Promotion of Positive Mental Health

"NO HEALTH WITOUT MENTAL HEALTH"

Sociation Sociation Isolation Grief

Emotional Health

Spiritual Health

Intellectual Health

Positive Mental Health

Environmental Health

Social Health

Physical Health

Music, beyond entertainment...









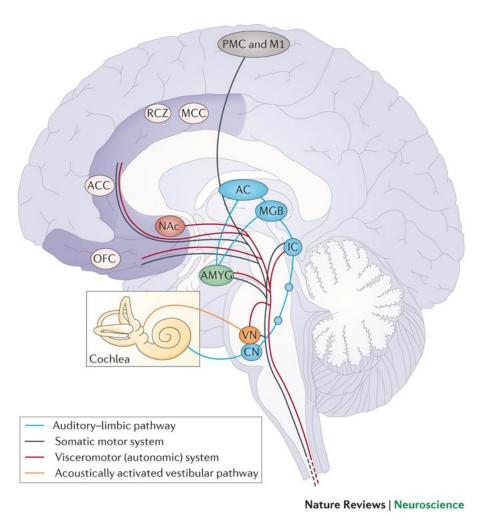


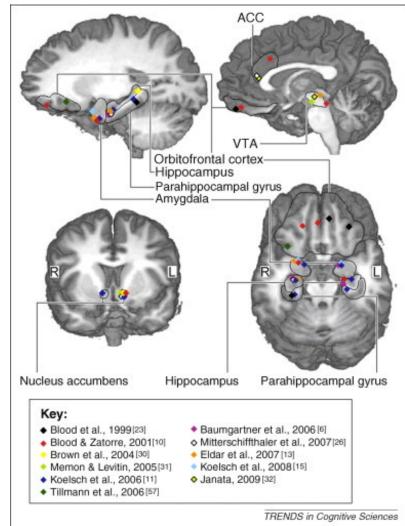
First flutes. These 32,000-year-old flutes are the oldest undisputed evidence of music.

(Cross, Zubrow & Cowan 2002)

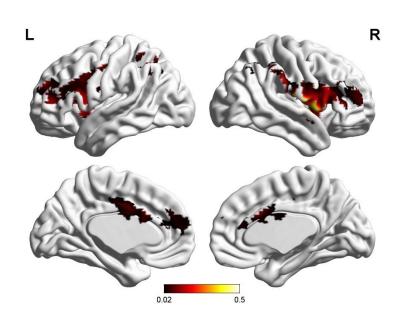


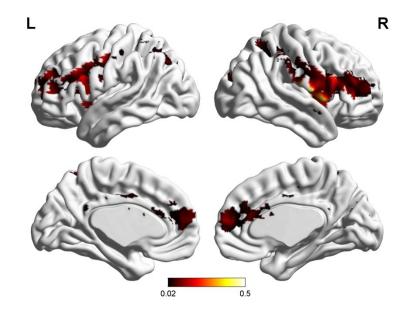
Music and emotion





Neural Correlates – perception of Happy and Sad musical emotion

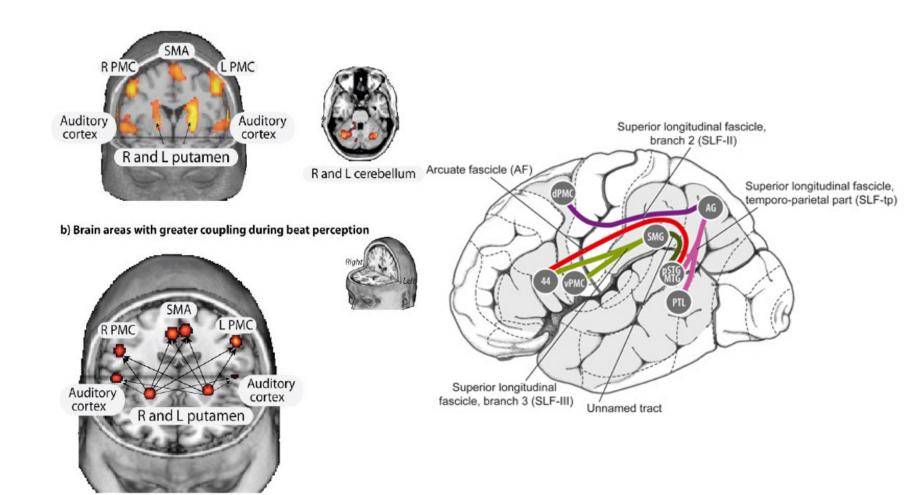




Happy Music: Anterior cingulate, DLPFC and middle temporal shown higher cluster activation compare to sad music **Sad Music:** Middle frontal Gyrus, Opercula have higher cluster activation compare to happy music

Hegde S, Bharthi K, Kalsi N, Panda R. Musical training matters! An fMRI study of happy and sad musical emotion using ragas of Indian classical music. Helsinki Summer School in Cognitive Neuroscience, 2016. Institute of Behavioural Science, University of Helsinki 11-17 August 2016.

Musical Beat Perception-Motor Entrainment



(Cameron & Grahn 2014)

(Patel & Iversen 2014)

Music and Language











Speech to Song Illusion

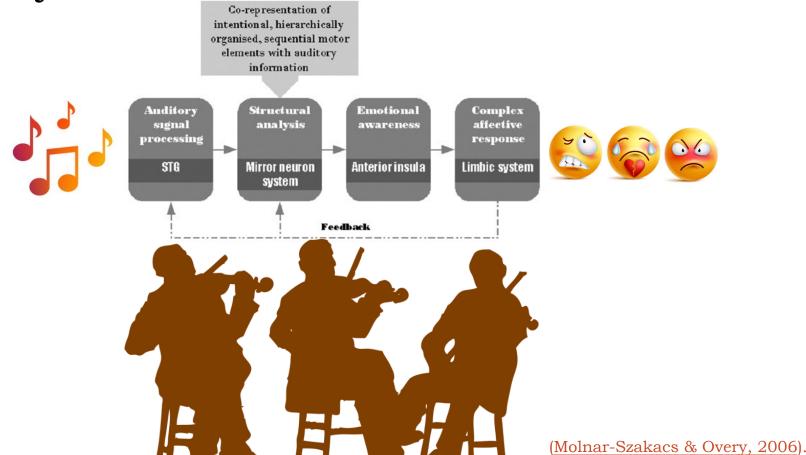


Speech to Song Illusion-Diana Deutsch et al, (2008) The Journal of the Acoustical Society of America

Music- Empathy

• Entrainment - melody-rhythm

-perceptual, affective, physiological, motor & social synchronisation





Benefits of actively engaging in Music

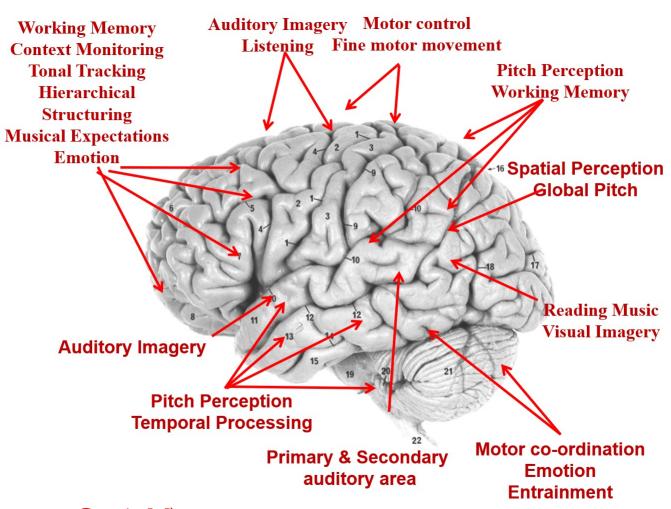






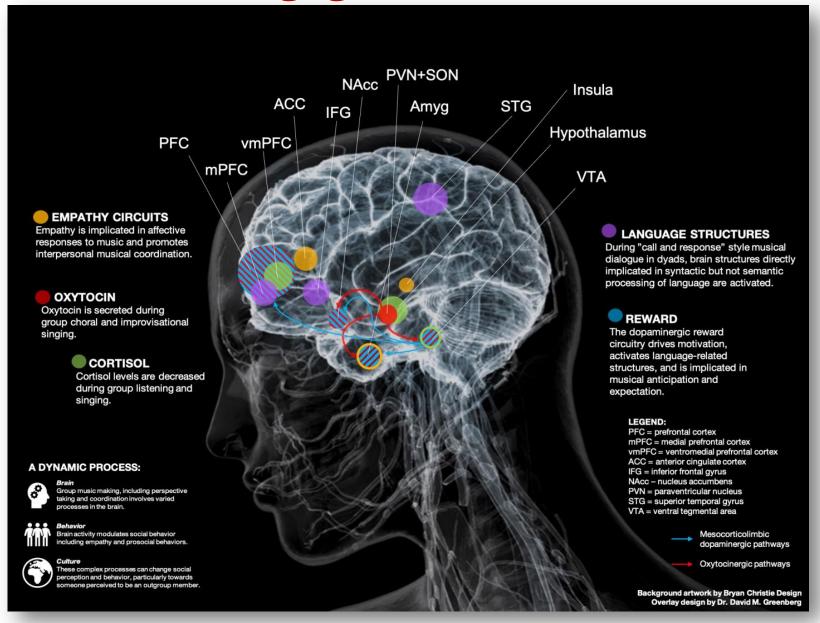
(Art work: Dr. M. S Keshavan)

Music and the brain



(Image courtesy: Curtis M)

Music Engagement its benefits



Emotional Health

Spiritual Health

Intellectual Health

Music- Positive Mental Health

Environmental Health

Social Health

Physical Health







Contact Us

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