Music-driven neuroplasticity: impacts on speech processing

Aniruddh Patel, Ph.D.
Tufts University

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5:00 pm
SAR 102, 635 Commonwealth Avenue
Reception to Follow (21+)

Mounting evidence suggests that musical training enhances the brain's processing of speech sounds. In this talk I review the evidence for such effects, and offer a theoretical framework for understanding how and why they occur. Experimental research motivated by this framework will also be presented, as well as specific suggestions for the development of animal models.

Dr. Aniruddh (Ani) Patel is Associate Professor of Psychology at Tufts University. His work focuses on music cognition: the mental processes involved in making, perceiving, and responding to music. His 2008 book, *Music, Language, and the Brain*, explores the relationship between music and language.