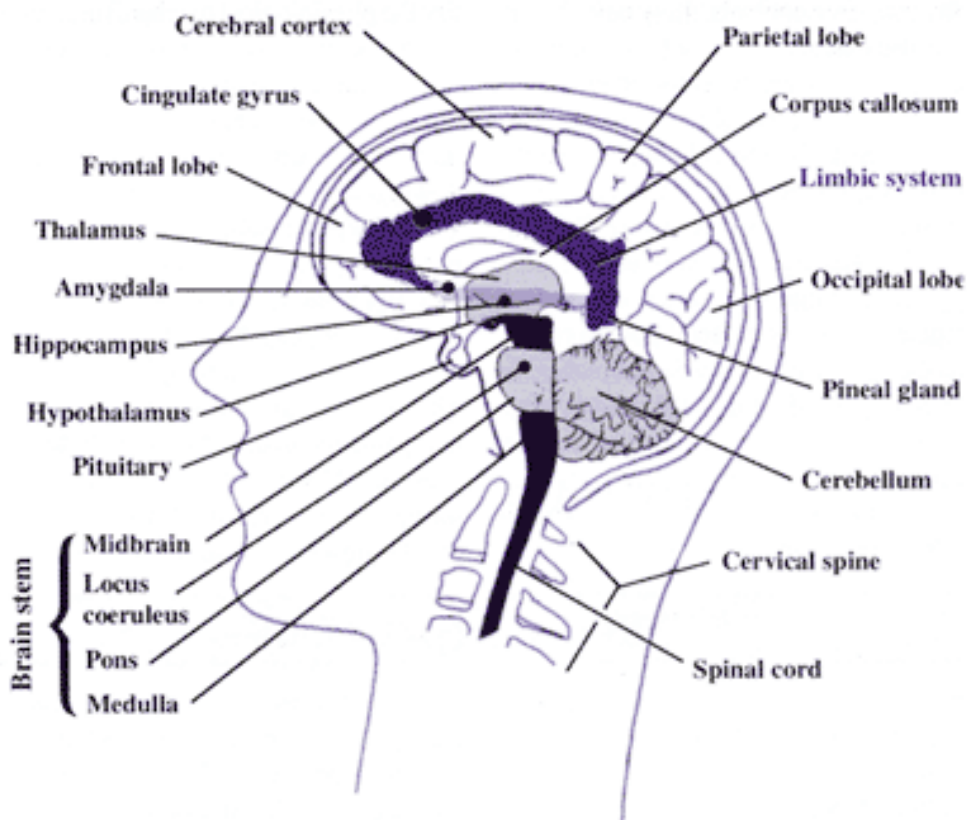


The Wolfe Institute

Carol Zicklin Lecture in Interdisciplinary Studies

Understanding the Brain Via Music and Music Via the Brain



How does our brain allow us to perceive, and perform music? How do we imagine musical sounds? Why does music elicit emotion? In this lecture Dr. Zatorre will discuss these three general questions, which have been the focus of his research in recent years. Neuroscientists are increasingly interested in perception and performance of music, because music can be a powerful way to reveal the inner workings of the mind and the nervous system that underlies it. Since music touches upon almost all of the higher mental functions, including perception, attention, memory, learning, and emotion, it provides us with a rich source of material to understand how the brain works.

Dr. Robert J. Zatorre is a cognitive neuroscientist working at the Montreal Neurological Institute of McGill University. His principal research interests relate to the neural substrate for auditory cognition, with special emphasis on two complex and characteristically human abilities: speech and music. Dr. Zatorre obtained his undergraduate training at Boston University, where he completed dual degrees in music and in psychology. He earned his Ph.D. in experimental psychology at Brown University. In 1981 he received an NIH fellowship to do postdoctoral work in neuropsychology at the Montreal Neurological Institute; shortly thereafter, he took on a faculty position at McGill, where he has remained ever since. In 2006 he was named co-director of the international laboratory for research in Brain, Music, and Sound (BRAMS), a new research center established by a \$14 million infrastructure grant from the Canadian Fund for Innovation.

Wednesday, February 20, 2008

1:40 to 2:55 p.m.

**Gold Room, Brooklyn College Student Center
Campus Road and East 27th Street**

For information, contact Patrick Kavanagh at 718-951-5771