

**THE BRAIN AND
MIND INSTITUTE**



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“An adaptive auditory system supports hearing in diverse acoustic environments”

Every day we are exposed to diverse acoustic environments. In order to efficiently cope with this diversity our neural system needs to adapt to the sound features to which we are exposed. However, when hearing becomes more difficult over the course of normal aging, adaptation to acoustic environments might be compromised. In this talk, I will describe how our brains adapt to different acoustic properties, how adaptation changes in healthy aging, and how neural adaptation shapes human perception. I will end with an outline of my research program investigating adaptive hearing throughout life.

Date: Wednesday, September 30th, 2015

Time: 10:30 a.m.

**Location: Physics and Astronomy,
Room 100**

If you require information in an alternate format or if any other arrangements can make this event accessible to you, please contact Denise Soanes at dsoanes4@uwo.ca



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