

## **Introduction to Speech Science Week 10 Development and Second Language Learning**

### **Learning objectives**

By the end of today you should know and understand:

- 1) How infant speech perception abilities are tested
- 2) How development involves a combination of innate abilities and learning
- 3) The major mechanisms for learning during the first year of life
- 4) The importance of early experience and the decline of plasticity with age
- 5) How perceptual training can improve the acquisition of L2 phonemes

### **Recommended Readings**

Jusczyk, P.W. (1996) Developmental speech perception. Chapter 9. In Lass, N.J. (Ed) *Principles of Experimental Phonetics*, Mosby, St Louis.

MULTIMEDIA: Article on recent developments in infant perception research  
[http://cas.bellarmine.edu/tietjen/images/new\\_insights\\_into\\_how\\_babies\\_lea.htm](http://cas.bellarmine.edu/tietjen/images/new_insights_into_how_babies_lea.htm)

Website for Baby Lab based in Paris with descriptions of the techniques used:  
<http://www.ehess.fr/centres/lscp/babylab/>