

[Contact us](#)[Undergraduate](#)[Postgraduate](#)[Research](#)[People](#)[For Students](#)[For Staff](#)[LEL Contacts](#)You are here:[University Home](#) › [PPLS Home](#) › [LEL Home](#) › [People](#) › View

## Prof Alice Turk

[Edit](#)**Position**

Professor

**Email**[turk@ling.ed.ac.uk](mailto:turk@ling.ed.ac.uk)**Phone**

0131 650 3483

**Location**

2.12 (DSB)

**Research Interests**

Speech production, speech perception, prosodic structure, timing.

**Biography**

### Education

AB, Princeton University

MA, PhD, Cornell University

### Publications

Turk, A., & Shattuck-Hufnagel, S. (2013). What is speech rhythm?: A commentary inspired by Arvaniti & Rodriquez, Krivokapić, and Goswami & Leong. *Laboratory Phonology*.

Dimitrova, S., & Turk, A. (2012).

Patterns of accentual lengthening in English four-syllable words. *Journal of Phonetics*, 40(3), 403-418.

Nakai, S., Turk, A., Suomi, K., Granlund, S., Ylitalo, R., & Kunnari, S. (2012).

Quantity constraints on the temporal implementation of phrasal prosody in

Northern Finnish. *Journal of Phonetics*, 40, 796–807.

Nakai, S., & Turk, A. E. (2011). Separability of prosodic phrase boundary and phonemic information”. *Journal of the Acoustical Society of America*, 129 (2), 966-76.

White, L., & Turk, A. E. (2010). English words on the Procrustean bed: Polysyllabic shortening reconsidered. *Journal of Phonetics*, 38(3), 459-471.

Sugahara, M. & Turk, A. (2009). Durational correlates of sub-lexical constituent structure in English”. *Phonology* 26, 477-524.

Nakai, S., Kunnari, S., Turk, A., Suomi, K. & Ylitalo, R. (2009). Utterance final lengthening and quantity in Northern Finnish”. *Journal of Phonetics* 37(1),29-45.

Turk, A. & Shattuck-Hufnagel, S. (2007). Phrase-final lengthening in American English” *Journal of Phonetics* 35(4), 445-472.

Astésano, C., Bard, E.G. & Turk, A. (2007). Structural influences on initial accent placement in French. *Language and Speech* 50(3). 423-446.

Turk, A., Nakai, S. & Sugahara, M. (2006). Acoustic segment durations in

Sudhoff, Stefan, Denisa  
Lenertová, Roland Meyer, Sandra  
Pappert, Petra Augurzky, Ina Mleinek,  
Nicole Richter & Johannes Schliesser  
(eds): *Methods in Empirical Prosody  
Research*. Berlin, New York: De Gruyter  
(= *Language, Context, and Cognition*, 3),  
1-28.

Aylett, M. & Turk, A. (2006). Language  
redundancy predicts syllabic duration  
and the spectral characteristics of  
vocalic syllable nuclei". *Journal of the  
Acoustical Society of America* 119(5).  
3048-3059.

Meyer, M., Zaehle, T., Gountouna, V.-E.,  
Barron, A., Jancke, L. & Turk, A. (2005).  
Spectro-temporal processing during  
speech perception involves left posterior  
auditory cortex. *NeuroReport* 16 (18),  
1985-1989.

Mayo, C. & Turk, A. (2005). The  
influence of spectral distinctiveness on  
acoustic cue weighting in children's and  
adults' speech perception". *Journal of  
the Acoustical Society of America*, 118,  
1730-1741.

Aylett, M. & Turk, A. (2004). The smooth  
signal redundancy hypothesis: A  
functional explanation for relationships  
between redundancy, prosodic  
prominence, and duration in  
spontaneous speech". *Language and*

Speech, 47(1), 31-56.

Mayo, C. & Turk, A. (2004). Adult-child differences in acoustic cue weighting are influenced by segmental context: Children are not always perceptually biased toward transitions". *Journal of the Acoustical Society of America* 115, 3184-3194.

Turk, A. & Shattuck-Hufnagel, S. (2000). Word-boundary-related durational patterns in English". *Journal of Phonetics* 28, 397-440.

Cambier-Langeveld, T. & Turk, A. (1999). A comparison of accentual lengthening in Dutch and English. *Journal of Phonetics* 27(3), 255-280.

Scobbie, J.M., Hewlett, N., & Turk, A. (1999). Standard English in Edinburgh and Glasgow: the Scottish vowel length rule revealed. in P.Foulkes and G. Docherty (eds). *Urban Voices*. London: Arnold: 230-245.

Turk, A. & White, L. (1999). Structural effects on accentual lengthening in English". *Journal of Phonetics* 27, 171-206.

Ladefoged, P., Ladefoged, J., Turk, A., Hind, K., & Skilton, S. (1998). Phonetic structures of Scottish Gaelic. *Journal of the International Phonetic Association*.

domain of accentual lengthening in American English". *Journal of Phonetics* 25, 25-41.

Shattuck-Hufnagel, S. & Turk, A. (1996). A prosody tutorial for investigators of auditory sentence processing. *Journal of Psycholinguistic Research* 25(2). 193-247.

Turk, A. & Sawusch, J.R.. (1996). The processing of duration and intensity cues to prominence". *Journal of the Acoustical Society of America* 99(6), 3782-3790.

Turk, A., Jusczyk, P.W., & Gerken, L. (1995). Do English-learning infants use syllable weight to determine stress? *Language and Speech* 38(2), 143-158.

Kemler Nelson, D.G., Jusczyk, P.W., Mandel, D.R., Myers, J., Turk, A., & Gerken, L. (1995). The Headturn preference procedure for testing auditory perception. *Infant Behavior and Development* 18, 111-116.

## **Administrative Roles**

- PPLS Equipment and Postgraduate Committee Representative

- Students supervised**
- [Soundess Azzabou-Kacem](#) (Lead)
  - [Kiyoshi Ishikawa](#) (Lead)
  - [Daniel Lawrence](#)

## **Groups**

- [Phonetics and Phonology Research](#)

## [Group](#)

- [School Management Committee Contacts](#), Computing and Equipment Convenor
- [Research Contacts](#), Computing and Equipment Convenor
- [PPLS Representatives](#), Computing and Equipment Convenor

[Terms & Conditions](#)

[Privacy Policy](#)

[Accessibility Statement](#)

[Freedom of Information](#)

[Webmaster](#)

Unless explicitly stated otherwise, all material is copyright © The University of Edinburgh.