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**Dimension-selective attention as a possible driver of dynamic,
context-dependent re-weighting in speech processing**

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Highlights:

- Speech processing requires continuous reweighting across many acoustic dimensions
- This dynamic mapping may reflect the dynamics of auditory attentional mechanisms
- Animal neurobiological models can help to determine the putative role for attention
- We present results from a new attentional paradigm that ties together human and non-human research

Keywords:

speech perception
auditory selective attention
auditory learning
auditory plasticity
perceptual weight

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