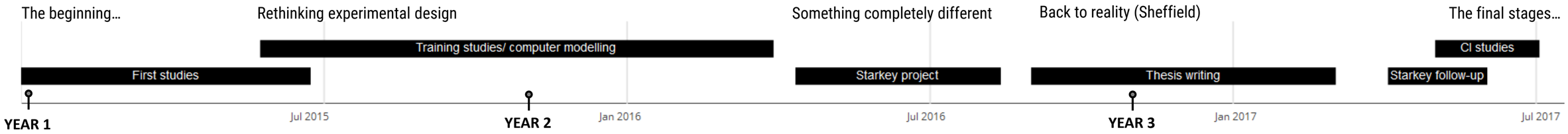
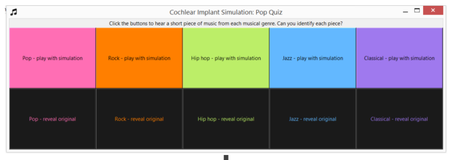
PERCEPTION OF SPEECH, MUSIC AND EMOTION BY HEARING-IMPAIRED LISTENERS

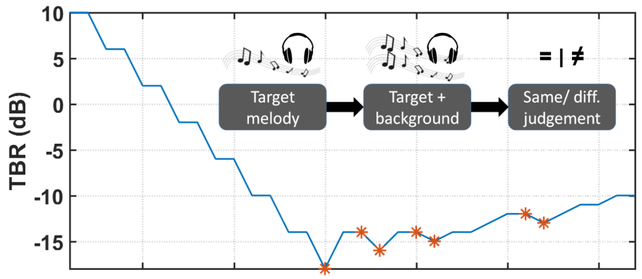


My doctoral research is concerned with the **perception of speech and music by hearing-impaired listeners**, specifically auditory perception of emotion, and the objective assessment of music perception. My research has evolved during the PhD, to encompass both hearing aid and cochlear implant users, and to make use of interdisciplinary methods, incorporating experimental psychology, psychoacoustics, and computer modelling.



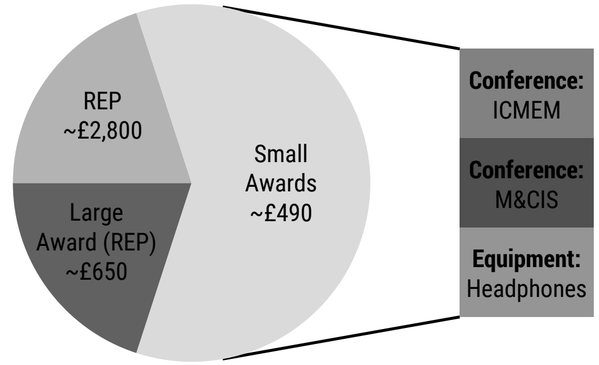
Initial studies involved learning to listen to speech and music using a cochlear implant simulation. **Ask for an interactive demo!**

Psychophysics at Starkey (REP):



The REP was instrumental in shaping both the course of my research, and my **post-PhD ambition** to pursue a career in commercial R&D or data science

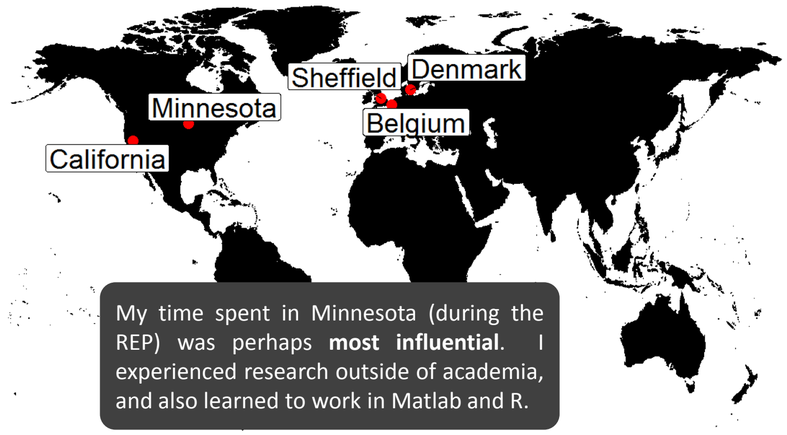
WRoCAH funding:



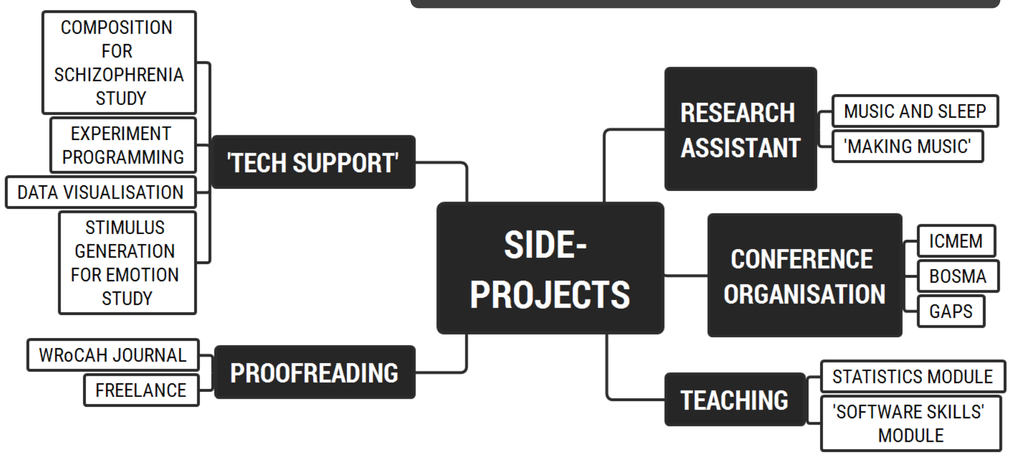
Funding from WRoCAH has been invaluable, facilitating both the **execution** and **dissemination** of my research.

The thesis so far…

Destinations:



My time spent in Minnesota (during the REP) was perhaps **most influential**. I experienced research outside of academia, and also learned to work in Matlab and R.



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Music Mind Machine

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