After a PhD investigating normal visual perception using psychophysics methods and fMRI experiments, I am now engaged in our Ethiopian project: Eye opener: Development of vision following late emergence from congenital blindness. I am interested in the way the visual system develops after years of visual deprivation and the differences and similarities to normal visual development. More specifically, which visual functions can be learned after congenital blindness and which are affected by critical periods representing the end of neuronal plasticity?
Motion adaptation reveals that the motion vector is represented in multiple coordinate frames
Tactile interactions activate mirror system regions in the human brain
Pattern matching is assessed in retinotopic coordinates
The coordinate frame of pop-out learning
Beyond retinotopic mapping: the spatial representation of objects in the human lateral occipital complex

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