



MICHAEL GAVIN HART

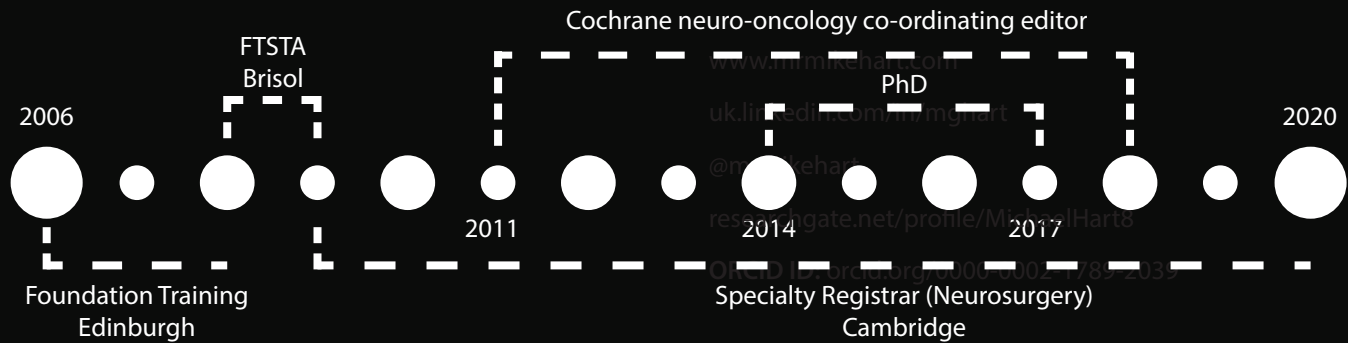
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researchgate.net/profile/MichaelHart8



QUALIFICATIONS & DEGREES

BSc (Hons)	2004
MBCbB	2006
MRCS	2009
AHEA	2013
EANS part I	2016
PhD	2018

PRIZES & AWARDS

- Cambridge Society for the Application of Research (CSAR)**
March 2017
- Excellence in Teaching Award**
University of Cambridge
December 2016
- Sir Hugh Cairns Essay Prize**
Society of British Neurological Surgeons (SBNS)
April 2016
- Cambridge Neuroscience Poster Prize**
September 2015

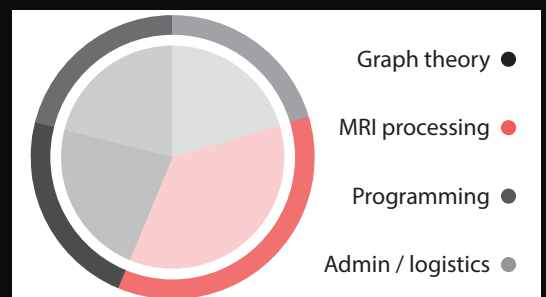
ACTIVE GRANTS & FUNDING

- NIHR Cochrane Infrastructure Grant**
Cochrane Gynaecological, Neuro-oncology, and Orphan Cancer Group (GNOC)
Co-applicant,
£150,000 per annum 2014-2018
- The Brain Tumour Charity (TBTC)**
'Connectomics And Electrical Stimulation For Augmenting Resection (CAESAR)'
£50,000 May 2014 - November 2018
- NIHR Cochrane Infrastructure Grant**
Cochrane Gynaecological, Neuro-oncology, and Orphan Cancer Group (GNOC)
Co-applicant,
£150,000 per annum 2014-2018

RESEARCH SKILLS

Programming	●	●	●	●	○
Mathematical & statistical analysis	●	●	●	●	○
Image & signal processing	●	●	●	●	○
Clinical trial data/meta-analysis	●	●	●	●	●
Machine learning	●	●	●	○	○

RESEARCH TIME



SELECTED PUBLICATIONS

Hart MG, Romerto-Garcia R, Price SJ, Suckling J. Global effects of focal brain tumors on functional complexity and network robustness: a prospective cohort study. *Neurosurgery* 2018 doi:10.1093/neuros/nyy378

Hart MG, Price SJ, Suckling J. Functional connectivity networks for pre-operative brain mapping in neurosurgery. *J Neurosurg* 2016 doi: 10.3171/2016.6.JNS1662

Hart MG, Price SJ, Suckling J. Connectome analysis for pre-operative brain mapping in neurosurgery. *Br J Neurosurg* 2016 doi: 10.1080/02688697.2016.1208809

Hart MG, Ypma RJ, Romero-Garcia R, Price SJ, Suckling J. Graph theory analysis of complex brain networks: new concepts in brain mapping applied to neurosurgery. *J Neurosurg* 2016 doi: 10.3171/2015.4.JNS142683

