

# BEEHIVE

## BRAIN AND ENRICHED ENVIRONMENTS lab – A HOPKINS INITIATIVE

**BEEHIVE** is an applied neurotrauma research lab focused on the human **brain and environment** interface after trauma.

**BEEHIVE** aims to develop and trial novel cognitive, motor, sensory, spatial and social assessment and therapy methods to contribute to the growing evidence base. Our methods will be **customised for the patient** using state-of-the-art technology.

**BEEHIVE** is a **multi-method, co-design initiative of The Hopkins Centre** incorporating patient experience with cognitive psychology, neuroscience, neuroengineering, speech pathology, nursing, occupational therapy, medicine, neuropsychology, architecture, design and physical therapy disciplines.

**BEEHIVE** partners with government and NGO's to build a better future for people following neurotrauma.

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What are the Neurophysiological, Neuropsychological and Neuroanatomical correlates of human neurogenesis?

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How can we apply new technologies for tailored patient approaches?

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How much environment enrichment is optimal for which patients?

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What are the opportunities for continued neuroplasticity beyond inpatient rehabilitation?

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Research for Rehabilitation and Resilience

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