

SHADY RAHAYEL

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Background

I completed my PhD and PsyD in psychology (neuropsychology) at the Université du Québec à Montréal (UQAM) and a postdoctoral training in molecular imaging (amyloid) and dementia at the Université de Montréal. I am now completing another postdoctoral training at McGill University in computational neuroscience and aging. I also work as a clinical psychologist specialized in sleep disorders.

Current Research

My current areas of research focus on sleep, neurodegenerative diseases and brain imaging. In particular I study the cross-sectional and longitudinal brain changes associated with REM sleep behavior disorder (i.e., parasomnia during which sleepers lose the muscle atonia found during REM sleep), which is a very high risk factor of the development of dementia with Lewy bodies and Parkinson's disease.

Career Development

My aim is to become an independent researcher with my own research program aiming at studying the brain changes occurring during the prodromal stages of neurodegenerative diseases through approaches that combine sleep, clinical data, brain imaging, and computational analysis.

Goals for the SPA

My goals are to develop my knowledge about the CLSA and longitudinal analyses in general and to expand my network of collaborators throughout Canada and abroad.