

The importance of social interactions in maintaining our mental and physical health has never been made more apparent than over the last couple years. Yet, how exactly changes in one's social experience impacts on underlying neurobiology remains unclear. Our project is using structural and functional brain imaging in combination with measures of physiology (e.g., hormone concentrations, gut microbiome) and behaviour to elucidate the mechanisms by which social environment can impact on the brain and body. In this project, students will gain exposure to a diverse repertoire of neurobiological techniques and how they can be used to study cognition and behaviour.