PHD SCHOLARSHIP(S) IN COMPUTATIONAL NEUROSCIENCE

SCHOOL OF PSYCHOLOGICAL SCIENCES

MONASH INSTITUTE OF COGNITIVE
AND CLINICAL NEUROSCIENCES (MICCN)

MONASH BIOMEDICAL IMAGING

BRAIN CONNECTIVITY AND NEURODEGENRATION

Announcing opportunities for PhD student(s) to work on projects to develop new techniques for human brain mapping. Our lab develops computational neuroimaging methods using tools from signal processing, machine learning, and dynamical systems theory. We use our models to integrate empirical data, measured using (resting state) functional and diffusion MRI, to investigate basic disease mechanisms in neurodegenerative diseases (e.g., Huntington 's disease, Alzheimer disease and Frontotemporal Dementia). The Lab is highly interdisciplinary so we welcome applications from students with quantitative background in Engineering, Computer Science or Physics and also students with background in Psychology, Neuroscience or Medicine.

- Expressions of interest are sought for PhD scholarships, both domestic (PhD stipend) and international students (Tuition fee + PhD stipend). See the link: https://www.monash.edu/graduate-research/future-students/scholarships
- For outstanding students additional top-up scholarships are available (AUD 10,000 – 15,000 per annum).

The successful applicant(s) will work under the mentorship of Dr Adeel Razi (primary advisor) and will also have an opportunity to spend time in lab(s) of our international collaborators. There is generous funding available to attend/present at international and local conferences every year.

Expressions of interest should include:

- a *curriculum vitae* including academic transcript(s) and any published works; and
- names and contact details of 2 academic referees

DEADLINE
Expressions of interest are due by:
5pm, Tuesday 31 July 2019

CONTACT
Please forward expressions of interest and direct questions to:
Dr Adeel Razi
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