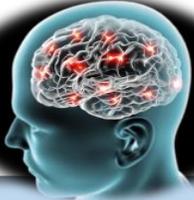


# Are you interested in finding out about the effect of stress on our brains?

## Research Volunteers Wanted!



### Neuroimaging Correlates of Early Life Stress (IRB-2018-01-025)



#### WHAT IS IT ABOUT?

- This study is carried out to find out whether psychological stress in childhood (**e.g. peer bullying, childhood maltreatment, harsh parenting**) has an effect on the structure and activity of the brain.
- We want to look at the differences between what goes on inside the brains of: adolescents who have been through very stressful experiences in the past (Group 1: Peer bullying; Group 2: Childhood maltreatment) with what goes on inside the brains of adolescents who have not been through those experiences (Group 3: Controls).

#### HOW DO I FIND OUT MORE INFORMATION?

Principal Investigator: Dr Lena Lim

Email: [lena.lim@ntu.edu.sg](mailto:lena.lim@ntu.edu.sg)

**To find out more about the study:**

**Email: [NELS\\_LKC@yahoo.com](mailto:NELS_LKC@yahoo.com)**

**Phone: 6904 1187 (office hours)**



You may also contact the NTU Research Integrity and Ethics Office to verify the accuracy of the information in this poster. Tel: 6592 2495 Email: [IRB@ntu.edu.sg](mailto:IRB@ntu.edu.sg)

#### WHO CAN PARTICIPATE?

- Right-handed, drug & medication free young people aged 15-25 years

**Without:** any neurological disorders, learning disabilities (IQ <70) and sexual abuse or trauma history

#### WHAT WOULD I HAVE TO DO?

- This is a magnetic resonance imaging (MRI) study which means that you will be asked to come to the LKC School of Medicine at NTU to have some brain scans.
- First, we would like to fill in some questionnaires and do a IQ test with you.
- During the scan you will have to carry out some tasks and also lie quite still for a while.
- We will compensate you S\$80 for your time.

#### NOTE:

- The MRI machine uses a giant magnet and is very safe, which is why it is very useful for research with children and young people.
- We cannot scan you if you have dental braces (or other body metal that cannot be removed), body tattoo, claustrophobia, epilepsy or major head injuries.
- Parental consent is required for participation (if you are below 21 years old).

