**T1 Segmentation with Freesurfer**

Freesurfer is a software package that allows for both image manipulation and image viewing (via Freeview).

It is commonly used in our lab for T1 segmentation. This is a process that takes a T1 structural image and breaks it down into different ROIs. It a simple but time-consuming process to carry out.

The command for this process is as follows:

recon-all -all -i [/path/to/T1.nii] -sd [/path/to/subject-folder] -subjid [subject ID]

(Note: brackets should be removed in actual command)

The recon-all process can take up to 18 hours for a single subject, depending on your computer.

All outputs: <https://surfer.nmr.mgh.harvard.edu/fswiki/ReconAllOutputFiles>