Cancellation of Parkinson’s tremors
Amy E. Bishop
BSc Cybernetics and Control Engineering, zk005283@live.reading.ac.uk

ABSTRACT
This report looks at Parkinson’s disease as a whole condition, and describes the types of Parkinson’s disease, as well as exploring the causes (if known) and looking in detail at the many symptoms that the disease can envelop. It describes the current treatments for the disorder, including therapies, medication and existing surgery options, and tries to describe the advantages and disadvantages of each. Finally, it introduces deep brain stimulation, and discusses the positives and negatives in further detail. The report then goes on to discuss the aims of the project, and to justify why it is necessary and of importance.

![Figure 1. Human Basal Ganglia](image1.jpg)

![Figure 2. Deep brain stimulation surgery [19]](image2.jpg)