

## **Jeremy Guild**

Imperial College London

### **Winner of the Undergraduate Award**

I am a recent Biomedical Sciences BSc graduate from Imperial College London. Specialising my final year in Neuroscience and Mental health has allowed me to develop a strong interest in psychiatry, by exploring numerous research areas within the field.

What particularly triggered my curiosity were my studies in the field of addiction, and the complex clinical nature of treating drug addicted individuals. This inspired me to undertake a research project with Professor Anne Lingford-Hughes for my dissertation, which involved performing a clinical audit using data from an addiction service in London.



The aim of this project was to investigate the effect of comorbid drug use on opioid substitution therapy (OST), by determining the impact of illicit substance usage alongside opiates on prescribed Methadone or Buprenorphine dose, and a range of treatment outcomes. This has allowed the development of ideas on how services for addicted individuals may be improved, as well as highlighting how use of certain illicit substances is associated with more adverse treatment outcomes and differences in prescribed medication dose. It has been a privilege to receive an undergraduate award for this work from BAP.

My thorough enjoyment throughout this project has led me to carry out further research in the field of addiction, by undertaking an MPhil at Cambridge University. This will be under the supervision of Dr Karen Ersche, in the department of psychiatry. I am excited to begin this next step in my scientific career and look forward to returning to the next summer meeting in 2020!