

	PhD STUDENTSHIP starting September 2021 Can genomics enhance care and quality of life in psychosis?
Institution/Division	UCL Division of Psychiatry
Funding Period	2021 to 2025
Stipend	£17,285 per year for up to 4 years.
How to Apply	First stage: Please email Prof Elvira Bramon on e.bramon@ucl.ac.uk Please send a brief CV and include the email or telephone of two referees. Closing date 25/3/21. Interviews 30/3/21. Second stage: UBEL Application
PhD Title	Can genomics enhance care and quality of life in psychosis? Investigating the cost-effectiveness of pharmacogenomics in mental health.
The Studentship	<p>Applications are invited for a funded, full time PhD studentship, based at UCL Division of Psychiatry. This is an exciting opportunity to undertake a PhD in applied mental health sciences and health economics, in a project jointly funded by ESRC and Mental Health Research UK. The PhD will explore how genomics can help to personalise the treatment of people with severe psychosis.</p> <p>Genetic data can be used to guide decisions on treatment with antipsychotic drugs or antidepressants, however the cost-effectiveness of this approach is not fully established and is currently not part of routine clinical practice in the UK's NHS. [Here to read more on this: https://www.futuremedicine.com/doi/full/10.2217/pgs-2020-0091]</p> <p>You will join Prof Bramon's group running the first UK clinical trial offering a pharmacogenomic personalised intervention for psychosis. You can read more about the study here: https://www.ucl.ac.uk/psychiatry/research/mental-health-neuroscience-department/projects/pharmacogenetics-mental-health</p> <p>We will train you in advanced quantitative methods to analyse "big data" including our unique longitudinal electronic health records and other public-access data like the UK Biobank. You will explore if genetically-informed treatment choices (compared to usual care) bring about improvements in quality of life and if the intervention is cost-effective.</p> <p>You will be mainly based at the UCL Division of Psychiatry, where academic supervision, skills training and career development will be provided. The co-supervisor is Dr Barbara Barrett (King's College London) who is an expert in health economics. You will have further co-supervisors to provide training in other areas like genetics or statistics. You will also spend some time with our non-academic partner, the Department of Strategic and Industry Partnerships, Oxford Academic Health Science Network, learning how new</p>

	<p>technology can be assessed rigorously before it is adopted into the NHS.</p> <p>This project gives a multi-disciplinary training and opportunities to engage with researchers across a broad range of health and social care disciplines especially health economics, bioinformatics, statistical genetics and mental health.</p> <p>We will help you to present your research at scientific conferences and to publish it in high quality journals. Our PhD students rapidly secure positions of their choice in industry, healthcare and academic/research institutions internationally.</p>
Key Requirements	<p>Analytical skills (for example statistics, economics, programming).</p> <p>Writing skills.</p> <p>A degree or MSc providing analytical training (for example statistics, economics, social sciences, informatics, computing, mathematics, physics, psychology, epidemiology, genetics...).</p>
Further Details	Please contact Prof Elvira Bramon on e.bramon@ucl.ac.uk
Positive Action Statement	Automatically populated.
Closing Date	25/3/21
Latest time for Submission of Applications	Midnight 25/3/21
Details for Submission	<p>Please email e.bramon@ucl.ac.uk sending</p> <p>Your CV and the Email / telephone of two referees</p>
Interview date	30/3/21