

Alexandra Pike

Postdoctoral Researcher
Neuroscience and Mental Health Group
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EDUCATION AND WORK

Postdoctoral Researcher, University College London 2018 - present
Anxiety Group (PI Dr Oliver Robinson) within the Neuroscience and Mental Health
Group at the Institute of Cognitive Neuroscience

Doctor of Philosophy, Psychiatry 2015-2018
Merton College, University of Oxford
Thesis title: Eating disorders and compulsivity: neural, computational and psy-
chopharmacological approaches (October 2018)
Supervisors: Professor Philip Cowen and Professor Rebecca Park
Examiners: Dr Susannah Murphy, Professor Iain Campbell

Master of Science, Neuroscience 2014-2015
Merton College, University of Oxford
Awarded September 2015

Bachelor of Arts, Psychology and Philosophy 2011-2014
New College, University of Oxford
Congratulatory 1st Class Honours Degree
Gibbs prizes for performance on psychology and philosophy papers

SUPERVISION

Ashley Slanina-Davies, MSci Neurosciences Student 2020-2021
Institute of Cognitive Neuroscience, UCL.

Mia Harada-Laszlo, iBSc Student 2020-2021
Institute of Cognitive Neuroscience, UCL.

Agatha Anet, MRes Brain Sciences Student 2019-2020
Institute of Cognitive Neuroscience, UCL.

Algirdas Midveris, MSc Cognitive Neurosciences Student 2019-2020
Institute of Cognitive Neuroscience, UCL.

Jade Serfaty, Wellcome Biomedical Vacation Scholarship student 2019
Institute of Cognitive Neuroscience, UCL.

Aida Helena Binti Affandi, MSc in Cognitive Neuroscience 2018-2019
Institute of Cognitive Neuroscience, UCL.

Undergraduate tutorials for First Bachelor of Medicine Part 2 2016-2018
Jesus College, Oxford.

Undergraduate tutorials for Psychology Prelims 2016-2017
Jesus College, Oxford.

PUBLICATIONS **Pike, A.C.**, Lowther, M., Robinson, O.J. The Importance of Common Currency Tasks in Translational Psychiatry. *Current Behavioral Neuroscience Reports* (2021).

Pike, A. C., Serfaty, J. R., Robinson, O. J. (2021). The development and psychometric properties of a self-report Catastrophizing Questionnaire. *Royal Society Open Science*, 8(1), 201362.

Pike, A. C., Printzlau, F., von Lautz, A. H., Harmer, C. J., Stokes, M. G., Noonan, M. P. (2020). Attentional Control in Subclinical Anxiety and Depression: Depression Symptoms Are Associated With Deficits in Target Facilitation, Not Distractor Inhibition. *Frontiers in psychology*, 11, 1660. <https://doi.org/10.3389/fpsyg.2020.01660>

Robinson, O.J., **Pike, A.C.**, Cornwell, B. Grillon, C. The translational neural circuitry of anxiety. *Journal of Neurology, Neurosurgery and Psychiatry*. 2019 <http://dx.doi.org/10.1136/jnnp-2019-321400>

Park, R.J., Singh, I., **Pike, A.C.**, Tan, J.O.A., Deep brain stimulation for Psychiatric Disorders: Hope for the Hopeless or Exploitation of the Vulnerable? The Oxford Neuroethics Gold Standard Framework. *Frontiers in Psychiatry*. 2017 March 8;44.

Godlewska, B.R., **Pike, A.**, Sharpley, A.L., Ayton, A., Park, R.J., Cowen, P.J., & Emir, U.E. Brain glutamate in anorexia nervosa: A magnetic resonance spectroscopy case control study at 7 Tesla. *Psychopharmacology*. 2016 Dec 1;234(3):421-6.

Noonan M.P., Adamian N., **Pike A.**, Printzlau F, Crittenden BM, Stokes MG. Distinct Mechanisms for Distractor Suppression and Target Facilitation. *The Journal of Neuroscience*. 2016 Feb 10;36(6):1797-807.

EXTERNAL PRESENTATIONS

Computational Psychiatry seminar series 2018
UCL Max Planck Centre for Computational Psychiatry and Ageing (Invited Speaker)
ECNP Junior Scientists Workshop 2018
Nice, France (Junior Speaker and Poster Presentation)
Anxiety Disorders Residential Unit 2018
Bethlem Royal Hospital, UK (Invited Speaker)
International Conference on Eating Disorders 2017
Prague, Czech Republic (Paper presentation)

AWARDS

British Association of Psychopharmacology **Travel Bursary** 2019
EBPS Computational Approaches Workshop **Travel Awardee** 2018
British Association of Psychopharmacology **Travel Bursary** 2017
Department of Psychiatry & Medical Research Council **DPhil Studentship** 2015
Congratulatory First Class Degree 2014
Gibbs Prize for Best performance in the Philosophy papers in PP Finals 2014
Gibbs Prize for Best performance in the Psychology papers in PP Finals 2014
New College **Academic Scholarship** 2012-2014
British Psychological Society **Funded Research Assistant** 2013