

## Alexandra Pike

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Postdoctoral Researcher  
Neuroscience and Mental Health Group  
Institute of Cognitive Neuroscience, University College London  
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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.

**Àgatha Alves 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** Affandi, A. H. B., **Pike, A. C.**, Robinson, O.J. Threat of shock promotes passive avoidance, but not active avoidance. *European Journal of Neuroscience* (2021).

**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