

Alexandra Pike

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WORK AND EDUCATION

POSTDOCTORAL RESEARCHER ANXIETY LAB Anxiety Lab (PI Professor Oliver Robinson) within the Neuroscience and Mental Health Group at the Institute of Cognitive Neuroscience	University College London 2018-present
DPHIL. PSYCHIATRY Thesis title: Eating disorders and compulsivity: neural, computational and psychopharmacological approaches. Supervisors: Professor Philip Cowen and Professor Rebecca Park	University of Oxford 2015-2018
MSC. NEUROSCIENCE Pass	University of Oxford 2014-2015
BA PSYCHOLOGY AND PHILOSOPHY Congratulatory 1st Class Honours Degree	University of Oxford 2011-2014

TEACHING

LECTURING Lecture on the Computational Psychiatry of Anxiety and Depression for the MSc Cognitive Neuroscience.	University College London 2017-present
TEACHING ASSISTANT Joint summer school between UCL and Peking University on Psychology Research Methods.	University College London 2021
SMALL-GROUP TEACHING Delivered tutorials (1-4 students) at the University of Oxford for undergraduate medical students, psychology students and biomedical science students.	University of Oxford 2016-2018

RESEARCH SUPERVISION

UNIVERSITY COLLEGE LONDON One MSci Neurosciences Student, one iBSc student. One student received distinction (so far).	2020-2021
One MRes Brain Sciences Student, one MSc Cognitive Neuroscience Student, one BSc Biomedical Sciences Student. All students received distinction.	2019-2020
One MSc Cognitive Neuroscience Student. Student received distinction.	2018-2019

*All students were co-supervised with Professor Oliver Robinson.

AWARDS AND FUNDING

INSTITUTE OF MENTAL HEALTH SMALL GRANTS Awarded £10,000 for a project entitled: 'The influence of peer self-harm on self-harming behaviour', (PI: Dr Alexandra Pitman).	co-Investigator 2019
BRITISH ASSOCIATION OF PSYCHOPHARMACOLOGY MRC PROXIMITY-TO-DISCOVERY Awarded £17,000 for a project entitled: 'Validating a new wearable sensor of heart rate variability as a surrogate measure of anxiety', in collaboration with Roche (PI: Dr Oliver Robinson).	Travel Bursary 2019 Secondee 2019
EBPS COMPUTATIONAL APPROACHES WORKSHOP BRITISH ASSOCIATION OF PSYCHOPHARMACOLOGY DEPARTMENT OF PSYCHIATRY & MEDICAL RESEARCH COUNCIL CONGRATULATORY FIRST CLASS DEGREE GIBBS PRIZES Awarded for Best performance in the Philosophy papers and for Best performance in the Psychology papers in Finals for my degree course	Travel Awardee 2018 Travel Bursary 2017 DPhil Studentship 2015 Recognition 2014 Award 2014
NEW COLLEGE ACADEMIC SCHOLARSHIP BRITISH PSYCHOLOGICAL SOCIETY FUNDED RESEARCH ASSISTANT	Scholarship 2012-2014 Internship 2013

INVITED TALKS

BAP SUMMER MEETING British Association for Psychopharmacology Symposium Chair and Symposium Presentation	Online 2021
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COMPUTATIONAL PSYCHIATRY SEMINAR SERIES

UCL Max Planck Centre for Computational Psychiatry and Ageing (Invited Speaker)

University College London | 2018

ECNP JUNIOR SCIENTISTS WORKSHOP

Junior Speaker.

Nice, France | 2018

ANXIETY DISORDERS RESIDENTIAL UNIT

Invited Speaker.

Bethlem Royal Hospital | 2018

INTERNATIONAL CONFERENCE ON EATING DISORDERS

Paper presentation

Prague, Czech Republic | 2017

SERVICE

NEUROSCIENCE CAREERS NETWORK

Committee member (monthly meetings). Organise 2-3 events annually which aim to support career progression of early career researchers in the Neuroscience Domain.

University College London | 2019-present

RESEARCHERS' REPRESENTATIVE

Took on the role of Researchers' Representative at the Institute of Cognitive Neuroscience. Organised rota of 'tea-time' talks and social sessions, attending Group Leaders' meetings (termly) as the representative of early career researchers.

University College London | 2019

PUBLIC ENGAGEMENT

#MINDTHEBRAIN

Chaired a session of a large online public conference on the effects of COVID-19 on mental health.

Online | 2021

#BRAINPOWER

Obtained funding for and led a stall on anticipation and time perception in relation to anxiety

University College London | 2019

SOAPBOX SCIENCE

Presented on the topic of 'Are eating disorders like compulsive disorders?'

Oxford | 2018

PUBHD

Presented my DPhil ideas and experiments in ten minutes to a general audience

Oxford | 2017

SCIENCE MUSEUM LATES & ROYAL SOCIETY

Helped with the 'Neurococktails' event on genes and drugs of abuse

London | 2015-2017

MERTON MCR COLLOQUIUM SERIES

Presented some of the key ideas behind my research to a general audience

Oxford | 2017

OXFORDSHIRE SCIENCE FESTIVAL

Helped with an event focusing on emotion recognition research and its applications

Oxford | 2016

PUBLICATIONS

2021 Pike, A.C., Lowther, M., Robinson, O.J. The Importance of Common Currency Tasks in Translational Psychiatry. *Current Behavioral Neuroscience Reports*. doi: [10.1007/s40473-021-00225-w](https://doi.org/10.1007/s40473-021-00225-w)

2021 Pike, A. C., Serfaty, J. R., Robinson, O. J. The development and psychometric properties of a self-report Catastrophizing Questionnaire. *Royal Society Open Science*. doi: [10.1098/rsos.201362](https://doi.org/10.1098/rsos.201362)

2021 Affandi, A. H. B., Pike, A. C., Robinson, O.J. Threat of shock promotes passive avoidance, but not active avoidance. *European Journal of Neuroscience*. doi: [10.1111/ejn.15184](https://doi.org/10.1111/ejn.15184)

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

2019 Robinson, O.J., Pike, A.C., Cornwell, B. Grillon, C. The translational neural circuitry of anxiety. *Journal of Neurology, Neurosurgery and Psychiatry*. doi: [10.1136/jnnp-2019-321400](https://doi.org/10.1136/jnnp-2019-321400)

2017 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*. doi: [10.3389/fpsyt.2017.00044](https://doi.org/10.3389/fpsyt.2017.00044)

2016 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*. doi: [10.1007/s00213-016-4477-5](https://doi.org/10.1007/s00213-016-4477-5)

2016 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*. doi: [10.1523/JNEUROSCI.2133-15.2016](https://doi.org/10.1523/JNEUROSCI.2133-15.2016)