

Alex Siu Fung Kwong

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Personal Statement

I am a Wellcome Senior Research Fellow at the University of Edinburgh. My research is in Psychiatric Epidemiology, specialising in longitudinal designs and causal inference methods to advance knowledge on the causes and consequences of poor mental health. My work spans interdisciplinary fields including Psychiatry, Epidemiology, Psychology, Statistical Genetics, Public Health and Data Science. My research has attracted ~£3.5 million in external funding (£1,153,625 as PI; £3,476,049 in total), including two personal fellowships from Wellcome and UKRI. I have published 72 manuscripts in leading journals including: *JAMA Psychiatry*, *Lancet Psychiatry*, *Nature*, *Nature Genetics*, *British Journal of Psychiatry*, and *Journal of Child Psychology and Psychiatry*. My work has been recognised with prestigious awards including being 'Highly Commended' in the Association for Child and Adolescent Mental Health 2025 Awards in the 'Kathy Sylva Rising Star' Category and cited in government and numerous policy documents including by Public Health England and NICE. I lead participant and lived experience advisory groups as part of my various research packages. I have supervised 7 PhD students to completion to date and teach and assess across all levels of the University.

Education

PhD in Advanced Quantitative Methods, University of Bristol	2016 – 2019
<i>Thesis: Genetic & Environmental Contributions to Trajectories of Depressive Symptoms</i>	
<i>Funding: Economic and Social Research Council SWDTP +3 Years Studentship</i>	
MSc by Research, Experimental Psychology, University of Bristol	2013 – 2015
<i>Thesis: Effects of 7.5% carbon dioxide (CO₂) on real world behaviours</i>	
BA (Hons) Psychology with Philosophy, Upper Second-Class Honours, University of Reading	2010 – 2013
<i>Dissertation: Saccades and Facial Expressions of Emotion</i>	

Academic Appointments

Present appointments:

Wellcome Senior Research Fellow, Division of Psychiatry, University of Edinburgh	2024 – present
Edinburgh Scientific Academic Track Fellow (Tenure Track), University of Edinburgh	2024 – present
Senior Research Associate in Psychiatric Genetic Epidemiology, University of Bristol	2019 – present

Previous appointments:

Research Fellow, Division of Psychiatry, University of Edinburgh	2019 – 2023
Research Assistant, Centre for Multilevel Modelling, University of Bristol	2017 – 2019
Teaching Assistant, School of Geographical Sciences, University of Bristol	2017 – 2019
Research Associate, Social and Community Medicine, University of Bristol	2015 – 2016
Teaching Assistant, School of Experimental Psychology, University of Bristol	2013 – 2015

Research Grants and Fellowships (£1,153,625 as PI; £3,476,049 as PI/Co-I)

<u>Medical Research Scotland: Vacation Studentship for Fimi Faturoti</u> – PI (£3,360)	2026
<i>'How are different types of childhood trauma associated with depressive symptoms across adolescence?'</i>	
<u>UKRI Research Programme on Gambling: Rapid Evidence Review</u> – PI (£49,981)	2025 – 2026
<i>'Exploring the Intersecting Drivers of Gambling Harm: A Rapid Evidence Review'</i>	
<u>Gambling Harms Research Innovation Fund Strategic Award: Supplement</u> – PI (£10,000)	2025 – 2026
<i>'Exploring the Relationship Between Gambling and Homelessness – Supplementary Award'</i>	
<u>Biogen Research Collaboration Award</u> – Co-I (USD\$49,653)	2025 – 2026
<i>'Quantifying the Impact of Postpartum Depression'</i>	
<u>Wellcome Mental Health Award</u> – Co-I (£2,133,025)	2025 – 2030
<i>'What is the Molecular Genetic Basis of Anxiety in a Very-Low-Income African setting?'</i>	
<u>Gambling Harms Research Innovation Fund Strategic Award</u> – PI (£49,964)	2024 – 2025
<i>'Exploring the Relationship Between Gambling and Homelessness'</i>	

Wellcome Early Career Award – PI (£748,017)	2024 – 2028
<i>'Identifying the Nature, Causes and Consequences of Youth Depression Trajectories'</i>	
Wellcome Mental Health Data Prize – Sustainability Phase – Co-I (£150,000)	2023 – 2024
<i>'Developing a Counterfactual Analysis Digital Tool to Illuminate Active Ingredients in Mental Health: Phase 3'</i>	
Wellcome Mental Health Data Prize – Prototype Phase – PI (£99,828)	2023 – 2024
<i>'Mental Health Trajectories Following Pharmacological and Psychological Treatment: Phase 2'</i>	
Wellcome Mental Health Data Prize – Discovery Phase – PI (£40,000)	2022 – 2023
<i>'Mental Health Trajectories Following Pharmacological and Psychological Treatment: Phase 1'</i>	
EBI/Wellcome ISSF Mental Health Research Next Step – PI (£10,009)	2022 – 2023
<i>'Tracking Mental Health in Real-Time in a Youth Population Cohort'</i>	
EBI/Rosetrees Trust Mental Health in Young People Grant – PI (£11,020)	2020 – 2021
<i>'Examining Youth Mental Health During COVID-19'</i>	
ESRC Postdoctoral Fellowship – PI (£131,446)	2020 – 2021
<i>'Examining the aetiology, nature and consequences of depression in young people with a biosocial framework'</i>	

Other Grants and Travel Awards

MRC iCASE Precision Medicine PhD Studentship for Joe Hasted – PI (~£120,000)	2026 – 2030
MRC Precision Medicine PhD Studentship for Sam Bentwood – PI (~£99,500)	2024 – 2028
MRC Precision Medicine PhD Studentship for Poppy Grimes – PI (~£94,600)	2022 – 2026
UKRI Adolescent Mental Health Methodology Call – Collaborator – (£300,000)	2022 – 2025
Policy Bristol - PI (£2200)	2020
ESRC Travel Funding (£600)	2019
MQ Conference Travel Award (£300)	2019
CLOSER Conference Travel Award (£300)	2017
Social Science Genetics Association Consortium Travel Award (~£2500)	2017
ESRC Studentship - Advanced Quantitative Methods - 3 Years – PI (~£65,287)	2016 – 2019

Teaching Experience

Lectures:

Genetics and Environmental Influences on Behaviour and Mental Health, Biomedical Sciences (BSc) <i>(Lecture, practical design, assessment, lead – 2 Lectures; 1 practical; assessment. Level: BSc),</i> University of Edinburgh	2025 - present
Introduction to Repeated Measures, Scottish Graduate School of Social Sciences Summer School <i>(Module design, lead – 1 Lecture. Level: MSc/PhD+),</i> University of Edinburgh	2021 - present
Common Mental Health Disorders, Epidemiology and Public Health (MSc) <i>(Delivered – 1 Lecture. Level: MSc+),</i> University of Bristol	2019
Introduction to Causal Inference <i>(Co-lead – 1 Lecture. Level: PhD+),</i> UF Pelotas, Brazil	2019
Analysis of Repeated Measures <i>(Module design, lead – 1 lecture. Level: PhD+),</i> UF Pelotas, Brazil	2019
Introduction to Statistics <i>(Module design, lead – 2 Lectures. Level: PhD+),</i> SACTRC, Sri Lanka	2019
Analysis of Repeated Measures <i>(Module design, lead – 1 Lecture. Level: PhD+),</i> SACTRC, Sri Lanka	2019
Analysis of Repeated Measures <i>(Module design, lead – 3 Lectures. Level: PhD+),</i> HSRC, South Africa	2019

Workshops led

TIDAL/Harmony Longitudinal Workshop, University College London	2023
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Undergraduate lab demonstrating

Principles of Quantitative Social Science, University of Bristol	2017 - 2018
Psychological Research Methods, University of Bristol	2013 - 2015

Undergraduate marking

Genetics and Environmental Influences on Behaviour and Mental Health, University of Edinburgh	2025
Psychological Research Methods, University of Bristol	2013 - 2015

Postgraduate marking

MSc Epidemiology, University of Edinburgh	2025
MSc Informatics, University of Edinburgh	2025
MSc Epidemiology, University of Bristol	2020 - 2021
MSc Public Health, University of Bristol	2020 - 2021

Research Leadership and Management

I lead the Lifecourse, Epidemiology and Psychiatry group ([LEAP](#)) at the University of Edinburgh. My group consists of Postdoctoral Researchers, PhD and MSc Students, Research Assistants and Interns. I am passionate about providing an exciting and supportive research environment for my colleagues, where members can talk openly about challenges and aspirations, and to ensure this environment is welcome and supportive of people from different cultures, backgrounds and disabilities. Below is a list of colleagues I currently or have previously line managed (excluding students):

Current line management

Sally Marshall MRC Transition Fellow at UoE	2024 - present
Zhuoni Xiao Postdoctoral Research Fellow at UoE	2024 - present
Adele Taylor Research Assistant at UoE	2024 - present
Sarah Moody Research Assistant at UoE	2024 - present

Past line management

Maria Viejo-Romero - Research Assistant at UoE → Now PhD Student at King's College London	2023 - 2024
Amelia Edmondson-Stait - Research Assistant at UoE → Moved to PhD at University of Edinburgh, Now Researcher at Speak Unique	2023 - 2024
Eileen Xu - Research Assistant at UoE → Now PhD Student at University of Edinburgh	2023 - 2024
Eric Deng - Research Assistant at UoE → Now PhD Student at University of Oxford	2024 - 2025

Research leadership and management training

Introduction to Research Leadership – UoE	2025
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Student Supervision

Current PhD student supervision

Eileen Xu (Psychiatry – UoE – Secondary supervisor) Towards an integrated biopsychosocial model of youth depression	2021 – present
Sam Bentwood (Psychiatry – UoE – Lead supervisor) Examining the causes and consequences of sub-types of depression across the life course	2024 – present
Bianca Branco (Informatics – UoE – Lead supervisor) Machine learning approaches for examining depression in population datasets	2024 – present
Joe Hasted (Psychiatry – UoE – Lead supervisor) Examining causes and consequences of postpartum depression (co-funded by Biogen)	Incoming 2026
Tassella Issac (Informatics – UoE – Lead supervisor) Using data-driven methods and AI to uncover the causes and consequences of youth depression trajectories through longitudinal data	Incoming 2026

Completed PhD student supervision

Melisa Chuong (Psychiatry – UoE – Secondary supervisor) Gene - Environment interplay in depression <i>Passed with minor corrections</i> → Now Senior Scientist at Genomics	2018 – 2022
Niamh MacSweeney (Psychiatry – UoE – Secondary supervisor) In search of bio-psycho-social markers for the recurrence of adolescent depression	2019 – 2023

Passed with minor corrections

→ Now Postdoc at University of Oslo

Melissa Lewins (Psychiatry – UoE – Secondary supervisor) 2018 – 2023

Genomic and phenotypic risk factors for the clinical progression of depressive symptoms

Passed with minor corrections

→ Now Senior Data Analyst at UK Biobank

Holly Fraser (Digital and Population Health – UoB – Secondary supervisor) 2020 – 2024

Trajectories of mental health and antidepressant responses: a machine learning approach

Passed with corrections

→ Now Postdoc at University of Bristol

Amelia Edmondson-Stait (Psychiatry – UoE – Secondary supervisor) 2020 – 2024

Altered immune function across major psychiatric disorders

Passed with minor corrections

→ Now Researcher at Speak Unique

Reesha Zahir (Psychiatry – UoE – Secondary supervisor) 2020 – 2025

Investigating the mechanisms underpinning sleep and links to mental ill health in autistic children and adolescents

Passed with no corrections

→ Now Postdoc at University College London

Poppy Grimes (Psychiatry – UoE – Lead supervisor) 2022 – 2026

Characterising the nature of mental health trajectories across adolescent development through the integration of genomic, biomarkers, neuroimaging and environmental risk factors

Passed with minor corrections

→ Now Postdoc at QIMR, Brisbane

Completed MSc by research student supervision

Boyang Yu (Psychiatry – UoE – Lead supervisor) 2022 – 2023

Intergenerational transmission of mental health: The mediating effects of offspring self-esteem and attachment

Passed with merit

→ Now PhD student at University of Bristol

Completed PhD rotation mini-projects

Amy Campbell (Population Health Sciences – UoB – Lead supervisor) 2021

Kevin Carr (Psychiatry – UoE – Lead supervisor) 2022

Tariro Chatiza (Psychiatry – UoE – Lead supervisor) 2022

Vandana Venkat (Population Health Sciences – UoB – Secondary supervisor) 2024

Rita Dargham (Psychiatry – UoE – Lead supervisor) 2025

Athena Carangan (Psychiatry – UoE – Co-Lead supervisor) 2025

Completed MSc dissertations

Anugraha Chandrasekaran (Epidemiology – UoB – Lead supervisor) 2020

Meera Bazaz (Epidemiology – UoB – Lead supervisor) 2020

Ruxin Luo (Epidemiology – UoB – Lead supervisor) 2021

Rebecca Morell (Public Health – UoB – Co-Lead supervisor) 2021

Lauren Cleghorn (Public Health – UoB – Lead supervisor) 2021

Pragya Modi (Informatics – UoE – Lead supervisor) 2025

Premini Sabaratnam (Epidemiology – UoE – Lead supervisor) 2025

Completed Undergraduate dissertations

Henry Shirlaw (Experimental Psychology – UoB – Co-Lead supervisor) 2021

Open Science, Knowledge Exchange and Impact

I am a keen advocate of open science and reproducibility. Manuscripts that I have led are accompanied with analytical code and posted on my GitHub (<https://github.com/kwongsiufung>). I promote work that is co-produced with young

people and people with lived experience. I currently lead a youth and lived experience advisory group as part of my Wellcome Early Career Award and Mental Health Data Prizes, who help lead research questions, guide dissemination and partake in voluntary data science training. My research has led to policy changes during the COVID-19 pandemic and was frequently cited in Government reports. More recently, work that I have led has resulted in the development of new pharmaceutical interventions for a common mental health disorder.

Awards and Research Impact

Awards and markers of recognition

6. Winner of 'Best Poster' at World Congress of Psychiatric Genetics, 2025
5. 'Highly Commended' for Kathy Silva 'Rising Star' Award, 2025. Association for Child and Adolescent Mental Health
4. Shortlisted for Kathy Silva 'Rising Star' Award, 2024. Association for Child and Adolescent Mental Health
3. Winner of British Journal of Psychiatry Prize for Editor's Choice, 2022 for 'Mental health before and during the COVID-19 pandemic in two longitudinal UK population cohorts'.
2. Nominated for 'Best Poster' at World Congress of Psychiatric Genetics, 2020.
1. Finalist in the Journal of Youth and Adolescence's 'Emerging scholars' best article' awards, 2020.
<https://doi.org/10.1007/s10964-020-01327-6>

Scientific contributions to policy briefings

6. Eating disorder symptoms and self-harm are linked to higher levels of depression and anxiety during the COVID-19 pandemic. Policy Bristol (2021). http://www.bristol.ac.uk/policybristol/policy-briefings/covid-19_eating-disorders_self-harm
5. Office for Health Improvement and Disparities (Formerly Public Health England): COVID-19 mental health and wellbeing surveillance: <https://www.gov.uk/government/publications/covid-19-mental-health-and-wellbeing-surveillance-spotlights>
4. COVID-19 health data research. HDRUK (August 2020). <https://www.hdruk.ac.uk/wp-content/uploads/2020/08/200804-Health-Data-Research-UK-COVID-19-fortnightly-update-paper-final.pdf>
3. COVID-19 health data research. HDRUK (June 2020). <https://www.hdruk.ac.uk/wp-content/uploads/2020/06/200623-Health-Data-Research-UK-COVID-19-weekly-update-paper.pdf>
2. COVID-19 health data research. HDRUK (May 2020). <https://www.hdruk.ac.uk/wp-content/uploads/2020/05/200519-Health-Data-Research-UK-COVID-19-weekly-update-paper.pdf>
1. How depression relates to academic achievement in adolescence and early adulthood: identifying high risk points. Policy Bristol (2019). DOI: [ow.ly/tuBX50y1S3w](https://doi.org/10.1007/s10964-020-01327-6).

Media appearances and highlights

Coronavirus 19: young people more anxious during lockdown. [BBC](#), [CNN](#), [Daily Mail](#).

Academic Citizenship

Internal positions

Co-lead of Psychiatry journal club, Division of Psychiatry, University of Edinburgh	<i>2020 – 2022</i>
ALSPAC internal manuscript reviewer, Bristol Medical School, University of Bristol	<i>2020 – present</i>
ALSPAC internal researcher panel, Bristol Medical School, University of Bristol	<i>2024 – present</i>

External positions

Co-lead of Lifecourse and Longitudinal working group of the PGC MDD	<i>2025 – present</i>
Deputy Forum Chair of Population Research UK	<i>2025 – present</i>
Organising Committee for World Congress of Psychiatric Genetics Conference – Glasgow	<i>2026</i>

Editorial positions

Joint Editor, JCPP-Advances (paid position)	<i>2024 – present</i>
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Peer-reviewed journal reviews

Regular reviewer for: Journal of Child Psychology and Psychiatry, Molecular Psychiatry, American Journal of Psychiatry, British Journal of Psychiatry, Psychopathology and Behavioral Assessment, Psychological Medicine, Behaviour Genetics, Journal of Youth and Adolescence, Journal of Child Psychology and Psychiatry Advances, Journal of the American Academy of Child and Adolescent Psychiatry and more.

Expert reviewer for funding applications and conferences

Wellcome Early Career Awards	2024, 2026
UKRI Mental Health Platform Fellowships, Round 1	2025
UKRI Mental Health Platform Fellowships, Round 2	2025
World Congress of Psychiatric Genetics – Poster/Oral reviewer	2025

Committee member for funding applications

Wellcome (Mental Health Committee)	2024 – present
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PhD vivas examined

Universitetet I Oslo, Second Opponent	2024
Universitetet I Oslo, Second Opponent	2026
University of Bristol, External Examiner	2026
Cardiff University, External Examiner	2026

Consultancy

Subject expert reviewer for GambleAware	2021 – 2025
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Research Output

Peer reviewed publications (excluding consortium papers):

2026

- 66.** Braithwaite, E., Campbell, A., ... **Kwong, A. S. F.**, ... Pearson, R. M. (accepted in BJPysch Open). Maternal genetic liability for neuroticism and breastfeeding intention, initiation, and maintenance. [Preprint](#).
- 65.** **Kwong, A. S. F.**, Moody, S., Taylor, A., ... Murray, A. L. (conditionally accepted in BMJ Open). Mood in the Moment: a study protocol for embedding ecological momentary assessments into established longitudinal cohorts to examine depression in real-time. [Preprint](#).
- 64.** Underwood, J. F. G., Madley-Dowd, P., Dardani, C., ... **Kwong, A. S. F.**, ... Rai, D. (2026). Childhood trauma as a mediator between autistic traits and depression: evidence from the ALSPAC birth cohort. *Psychological Medicine*. 56:e169. [Manuscript](#).
- 63.** Skelton, M., Mitchell, B. Assary, E., ... **Kwong, A. S. F.**, ... Eley, T. C. (accepted in Nature Human Behaviour). Genome-wide analyses of quantitative generalised anxiety symptom severity. [Preprint](#).
- 62.** Strom, N. I., Verhulst, B., Bacuna, S., ... **Kwong, A. S. F.**, ... Hettema, J. M. (2026). Genome-wide association study of major anxiety disorders in 122,341 European-ancestry cases identifies 58 loci and highlights GABAergic signaling. *Nature Genetics*. 58, 275–288. [Manuscript](#).

2025

- 61.** Wright, N., Paul, E., Kounali, D., **Kwong, A. S. F.**, ... Pearson, R. M. (2025). Trajectories of child emotional and behavioural difficulties before and during the COVID-19 pandemic in a longitudinal UK cohort. *J Child Psychol Psychiatry Advances*. [Manuscript](#).
- 60.** Tsang, R. S. M., Stow, D., **Kwong, A. S. F.**, Donnelly, N., ... Khandaker, G. M. (2025). Immunometabolic Blood Biomarkers of Developmental Trajectories of Depressive Symptoms: Findings from the ALSPAC Birth Cohort. *Molecular Psychiatry*. [Manuscript](#).
- 59.** Pearson, R. M., Braithwaite, E. C., Cadman, T., ... **Kwong, A. S. F.**, Jones, H. Sallis, H. (2025). The proportion of genetic similarity for liability for neuroticism in mother-child and mother-father dyads is associated with reported relationship quality. *Sci Rep*. 15, 29505. [Manuscript](#).
- 58.** Xu, E. Y., Meer, A., Andrews, J., ... **Kwong, A. S. F.*** (2025). Young people's perspectives on joining longitudinal studies: barriers and facilitators. *Wellcome Open Research*. [Manuscript](#).

- 57. Kwong, A. S. F.**, Edmonson-Stait, A., Xu, E., ... Whalley, H. C. (2025). Software Application Profile: TIDAL – Tool to Implement Developmental Analysis of Longitudinal data. *International Journal of Epidemiology*. 54(4). [Manuscript](#).
- 56. Morneau-Vaillancourt, G., Kwong, A. S. F.**, Thompson, K. N., ... Eley, T. C. (2025). Peer problems and prosocial behaviours across development: associations with anxiety and depression in emerging adulthood. *Journal of Affective Disorders*. 381, 360-371. [Manuscript](#).
- 55. Grimes, P. Z., Murray, A. L., Smith, K., ... Kwong, A. S. F.** (2025). Network Temperature as a Metric of Stability in Depression Symptoms Across Adolescence. *Nat. Mental Health*. 3, 548–557. [Manuscript](#).
- 54. Adams, M. J., Streit, F., Awasthi, S., ... Kwong, A. S. F., ... McIntosh, A. M.** (2025). Genome-wide study of major depression in 685,808 diverse individuals identifies 697 independent associations, infers causal neuronal subtypes and biological targets for novel pharmacotherapies. *Cell*. 188, 3. 640-652. [Manuscript](#).
- 53. Lammi, V., Nakanishi, T., Jones, S. E., ... Kwong, A. S. F., ... Ollila, H. M.** (2025). Genome-wide Association Study of Long COVID. *Nature Genetics*. 57, 1402–1417. [Manuscript](#).
- 52. Kweon, H., Burik, C. A., Ning, Y., ... Kwong, A. S. F., ... Koellinger, P. D.** (2025). Associations between common genetic variants and income provide insights about the socioeconomic health gradient. *Nat Hum Behav*. 9, 794–805 [Manuscript](#).
- 51. Edmondson-Stait, A., Davyson, E., Shen, X., ... Kwong, A. S. F.,* Whalley, H. C.** (2025). Associations between IL-6 and trajectories of depressive symptoms across the life course: Evidence from ALSPAC and UK Biobank cohorts. *European Psychiatry*. 2025;68(1):e27. [Manuscript](#).
- 50. Davyson, E., Shen, X., Huider, F., ... Kwong, A. S. F., ... McIntosh, A. M.** (2025). Antidepressant Exposure and DNA Methylation: Insights from a Methylome-Wide Association Study. *Nat Commun* 16, 1908. [Manuscript](#).
- 2024**
- 49. Adams, M. J., Thorp, J. G., Jermy, B. S., Kwong, A. S. F., ... Derks, E. M.** (2024). Genome-wide meta-analysis of ascertainment and symptom structures of major depression in case-enriched and community cohorts. *Psychological Medicine*. 54:12. [Manuscript](#).
- 48. Xu, E., MacSweeney, N., Thng, G., Barbu, M., Shen, X., Kwong, A. S. F., Romaniuk, L., McIntosh, A., Lawrie, S., Whalley, H.** (2024). Predicting early adolescent depression using a model developed in Brazil: IDEA-RS in the ABCD study. *JCPP Advances*. 5, 2. e12276. [Manuscript](#).
- 47. Grimes, P. Z., Adams, M. J., Thng, G., Edmondson-Stait, A. J., Yi, L., McIntosh, A. M., Cullen, B., Larsson, H., Whalley, H. C., Kwong, A. S. F.** (2024). Genetic Architectures of Adolescent Depression Trajectories Across Two Longitudinal Population Cohorts. *JAMA Psychiatry*. 81;(8):807-816. [Manuscript](#).
- 46. Major-Smith, D., Kwong, A. S. F., Timpson, N. J., Heron, J., Northstone, K.** (2024). Releasing synthetic data from the Avon Longitudinal Study of Parents and Children (ALSPAC): Guidelines and applied examples. *Wellcome Open Research* 9:57. [Manuscript](#).
- 2023**
- 45. Lees, V., Hay, R., Bould, H., Kwong, A. S. F., Major-Smith, D., Kounali, D., Perason, R.** (2023). The impact of routines on emotional and behavioural difficulties in children and on parental anxiety during COVID-19. *Front. Child Adolesc. Psychiatry*, 2. [Manuscript](#).
- 44. Fraser, H., White, G., Matthews, S., Rai, D., Davidson, B., Pearson, R. M., McConville, R., Kwong, A. S. F.** (2023). Medication use for depression and anxiety: Data collected from 28/29-year-old offspring in the Avon Longitudinal Study of Parents and Children. *Wellcome Open Research* 8:237. [Manuscript](#).
- 43. Prince, C., Joinson, C., Kwong, A. S. F., Fraser, A., Heron, J.** (2023). The relationship between timing of onset of menarche and depressive symptoms from adolescence to adulthood. *Epidemiology and Psychiatric Sciences*, 32, E60. [Manuscript](#).
- 42. McElroy, E., Herrett, E., Patel, K., ... Kwong, A. S. F., ... Patalay, P., on behalf of the Longitudinal Health and Wellbeing Collaborative.** (2023). Living alone and mental health: parallel analyses in longitudinal population surveys and electronic health records prior to and during the COVID-19 pandemic. *BMJ Mental Health*. 26:e300842. [Manuscript](#).
- 41. MacSweeney, N., Perrine, L., Zafar, S., ... Kwong, A. S. F., ... Whalley, H. C.** (2023). Keeping up with the kids: Towards a more ecologically valid study of irritability in youth depression and its underlying neural circuitry. *Frontiers in Behavioral Neuroscience*. [Manuscript](#).

- 40.** Armitage, J. M., **Kwong, A. S. F.**, Tseliou, F., Sellers, R., Blakey, R., Anthony, R., Rice, F., Thapar, A., Collishaw, S. (2023). Time Trends in Mental Health Trajectories Across Childhood and Adolescence, Findings from Two UK Cohorts. *Lancet Psychiatry*. 10(7), 509-516. [Manuscript](#).
- 39.** MacSweeney, N., Shen, X., ... **Kwong, A. S. F.**, ... Whalley, H. C. (2023). The role of neurobiology in the association between pubertal timing and depression risk in an early adolescent sample (the ABCD Study®): A registered report. *Dev Cog Neuroscience* 60, 101223. [Manuscript](#).
- 38.** Shakeshaft, A., Blakey, R., **Kwong, A. S. F.**, Riglin, L., Davey-Smith, G., Stergiakouli, E., Tilling, K., Thapar, A. (2023). Mental-health before and during the COVID-19 pandemic in adults with neurodevelopmental disorders. *Journal of Psychiatric Research* 159, 230-239. [Manuscript](#).
- 37.** Cheetham, N. J., Kibble, M., Wong, A., ... **Kwong, A. S. F.**, ... Steves, C. J. (2023). Antibody levels following vaccination against SARS-CoV-2: associations with post-vaccination infection and risk factors in two UK longitudinal studies. *eLife*. 12:e80428. [Manuscript](#).
- 36.** Bowyer, R., Huggins, C., Toms, R., ... **Kwong, A. S. F.**, ... Silverwood, R. (2023). Characterising patterns of COVID-19 and long COVID symptoms: Evidence from nine UK longitudinal studies. *Eur J Epidemiol*. [Manuscript](#).

2022

- 35.** Edmondson-Stait, A. J., Shen, X., Adams, M. J. ... **Kwong, A. S. F.**,* Whalley, H. C. (2022). Early-life inflammatory markers and subsequent episodes of depression and psychotic experiences in the ALSPAC birth cohort. *Brain, Behavior and Immunity - Health*. 26, 100528. [Manuscript](#).
- 34.** Maddock, J., Parson, S., Di Gessa, G., ... **Kwong, A. S. F.**, ... Katikireddi, S. V. (2022). Inequalities in healthcare disruptions during the Covid-19 pandemic: Evidence from 12 UK population-based longitudinal studies. *BMJ open*, 12(10), e064981. [Manuscript](#).
- 33.** Thompson, E., Stafford, J., ... **Kwong, A. S. F.**, ... Patalay, P. (2022). Psychological distress, depression, anxiety, and life satisfaction following COVID-19 infection: evidence from 11 UK longitudinal population studies. *The Lancet Psychiatry*, 9(11), 894-906. [Manuscript](#).
- 32.** Baldwin, J. R., Sallis, H., Schoeler, T., ... **Kwong, A. S. F.**, ... Pingault, J. (2022). A genetically informed Registered Report on adverse childhood experiences and mental health. *Nature Human Behaviour*, 7, 269–290. [Manuscript](#).
- 31.** Chuong, T. M. S., Adams, M. J., **Kwong, A. S. F.**, Haley, C. S., Amador, C., McIntosh, A. M. (2022). Genome-by-Trauma Interaction Effects in Depression. *JAMA Psychiatry*, 79(11), 1110–1117. [Manuscript](#).
- 30.** Wels, J., Booth, C., Wielgoszewska, B., ... **Kwong, A. S. F.**, ... Ploubidis, G. B. (2022). Association of COVID-19 employment disruption with mental and social wellbeing: evidence from nine UK longitudinal studies. *Social Science and Medicine* 308. [Manuscript](#).
- 29.** Culpin, I., Heuvelman, H., Rai, D., Pearson, R. M., Joinson, C., Heron, J., Evans, J., **Kwong, A. S. F.** (2022). Father absence and trajectories of offspring mental health across adolescence and young adulthood: findings from a UK-birth cohort. *Journal of Affective Disorders* 314, 150-159. [Manuscript](#).
- 28.** Thng, G., Shen, X., Stolicyn, A., ... **Kwong, A. S. F.**, ... Whalley, H. C. (2022). Comparison of personalised brain-based risk scores versus polygenic risk scores for depression across the lifespan. *Eur Psychiatry* 65, e44. [Manuscript](#).
- 27.** Thompson, E. J., Williams, D. M., ... **Kwong, A. S. F.**, ... Steves, C. J., (2022). Long COVID burden and risk factors in 10 UK longitudinal studies and electronic health records. *Nat Commun* 13, 3528. [Manuscript](#).
- 26.** Barbu, M. B., Amador, C., **Kwong, A. S. F.**, ... McIntosh, A. M. (2022). Complex trait methylation risk scores in the prediction of major depressive disorder. *eBioMedicine* 79, 104000. [Manuscript](#).
- 25.** Shen, X., Caramaschi, D., Adams, M. J., ... **Kwong, A. S. F.**, ... McIntosh, A. M. (2022). DNA methylome-wide association study of polygenic risk scores for depression implicating antigen processing and immune responses. *Genome Med* 14, 36. [Manuscript](#).
- 24.** Patel, K., Robertson, E., **Kwong, A. S. F.**,* ... Katikireddi, S. V. (2022). Psychological Distress Before and During the COVID-19 Pandemic: Sociodemographic Inequalities in 11 UK Longitudinal Studies. *JAMA Netw Open* 5 (4) e227629. [Manuscript](#). ***joint first author**
- 23.** Elhakeem, A., Tilling, K. M., Hughes, R. A., ... **Kwong, A. S. F.**, ... Lawlor, D. A. (2022). Using linear and natural cubic splines, SITAR, and latent trajectory models to characterise nonlinear longitudinal growth trajectories in cohort studies. *BMC Med Res Methodol* 22, 68. [Manuscript](#).
- 22.** Choi, K., Kim, H., Basu, A., **Kwong, A. S. F.**, Hernandez-Diaz, S., Wyszynski, D., Koenan, K. (2022). COVID-19 impacts on exercise, sleep, and diet and associations with mental health during pregnancy: A cross-national study. *Journal of Affective Disorders Reports*. 7, 100288. [Manuscript](#).

2021

- 21.** Warne, N., Heron, J., Mars, B., **Kwong, A. S. F.**, Solmi, F., Pearson, R., Moran, P., Bould, H. (2021). Disordered eating and self-harm as risk factors for poorer mental health during the COVID-19 pandemic: A population-based cohort study. *J Eat Disord.* 9, 155. [Manuscript](#).
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- 18.** Cadman, T., **Kwong, A. S. F.**, Moran, P., O'Mahen, H., Culpin, I., Lawlor, D. A., Pearson, R. M. (2021). Joint associations of parental personality traits and socioeconomic position with trajectories of offspring depression: findings from up to 6925 families in a UK birth cohort. *J Child Psychol Psychiatry Advances.* [Manuscript](#).
- 17.** Rajyaguru, P., **Kwong, A. S. F.**, Braithwaite, E. C., Pearson, R. M. (2021). Maternal and Paternal Depression and Child Mental Health Trajectories: Evidence from the Avon Longitudinal Study of Parents and Children. *BJPsych Open*, 7(5), e166. [Manuscript](#).
- 16.** Paul, E., **Kwong, A. S. F.**, Moran, P., Pawlby, S., Howard, L. M., Pearson, R. M. (2021). Maternal thoughts of self-harm and their association with future offspring mental health problems. *Journal of Affective Disorders.* 293, 422-428. [Manuscript](#).
- 15.** Altschul, C., Fawns-Ritchie, C., **Kwong, A. S. F.**, Hartley, L., ... Porteous, D. (2021). Face covering adherence is positively associated with good mental health and wellbeing: a longitudinal analysis of the CovidLife surveys. *Wellcome Open Res.* 6:62. [Manuscript](#).
- 14.** Higbee, D. H., Nava, G., **Kwong, A. S. F.**, Dodd, J. W., Granel, R. (2021). The impact of asthma on mental health & wellbeing during COVID-19 lockdown. *European Respiratory Journal.* 58 (1). [Manuscript](#).
- 13.** Costantini, I., **Kwong, A. S. F.**, Smith, D., Lewcock, M., Lawlor, D. A., Moran, P., Tilling, K., Golding, J., Pearson, R. M. (2021). Locus of control and negative cognitive styles in adolescence as risk factors for depression onset in young adulthood: findings from a prospective birth cohort study. *Front. Psychol.* 12:599240. [Manuscript](#).
- 12.** **Kwong, A. S. F.**, Morris, T. T., Pearson, R. M., Rice, F., Stergiakouli, E., Tilling, K. M. (2021). Polygenic Risk for Depression, Anxiety and Neuroticism are Associated with the Severity and Rate of Change in Depressive Symptoms Across Adolescence. *J Child Psychol Psychiatry.* 62(12), 1462-1474. [Manuscript](#).
- 11.** López-López, J., **Kwong, A. S. F.**, Washbrook, L., Tilling, K. M., Fazel, M. S., Pearson, R. M. (2021). Depressive symptoms and academic achievement in UK adolescents: a cross-lagged analysis incorporating genetic information. *Journal of Affective Disorders.* 284, 104-113. [Manuscript](#).
- 10.** Warriar, V., **Kwong, A. S. F.**, Luo M., ... Cecil, C. M. (2021). Gene-environment correlations and causal effects of childhood maltreatment on physical and mental health: a genetically informed approach. *Lancet Psychiatry*, 8(5), 373-386. [Manuscript](#).

2020

- 9.** **Kwong, A. S. F.**, Pearson, R. M., Adams, M. J., Northstone, K., ... Porteous, D., Timpson, N. J. (2020). Mental health before and during COVID-19 in two UK longitudinal population cohorts. *The British Journal of Psychiatry*, 218(6), 334-343. [Manuscript](#).
- 8.** **Kwong, A. S. F.**, Pearson, R. M., Smith, D., Northstone, K., Lawlor, D.A., Timpson, N. J. (2020). Longitudinal Evidence for Persistent Anxiety in Young Adults Despite Easing of COVID-19 Restrictions. *Wellcome Open Res*, 5:195. [Manuscript](#).
- 7.** Attwood A., Ludwig C., Penton-Voak I., Poh J., **Kwong A. S. F.**, Munafò M. R. (2020). Effects of 7.5% carbon dioxide inhalation on gait. *Psychological Research.* 85, 2444–2452. [Manuscript](#).
- 6.** Hollis, B., Day, F. D., Busch, A. S., ... **Kwong, A. S. F.**, ... Ong, K. K., Perry, J. R. B., (2020). Genomic Analysis of Male Puberty Timing Highlights Shared Genetic Basis with Hair Colour and Lifespan. *Nat Commun.* 11, 1536. [Manuscript](#).
- 5.** López-López, J., **Kwong, A. S. F.**, Pearson, R. M., Tilling, K. M., Fazel, M. S., Washbrook, L., Kidger, J., Hammerton, G. (2020). Trajectories of Depressive Symptoms and Education and Employment Outcomes. *BJPsych Open*, 6(1), E6. [Manuscript](#).

2019

4. **Kwong, A. S. F.** (2019). Examining the Longitudinal Nature of Depressive Symptoms in the Avon Longitudinal Study of Parents and Children (ALSPAC). *Wellcome Open Res.* 4: 126. [Manuscript](#).
3. **Kwong, A. S. F.**, López-López, J., Hammerton, G., Manley, D., Timpson, N. J., Leckie, G., Pearson, R. M. (2019). Genetic and Environmental Risk Factors Associated with Trajectories of Depressive Symptoms from Adolescence to Young Adulthood. *JAMA Network Open.* 2 (6), e196587. [Manuscript](#).
2. **Kwong, A. S. F.**, Manley, D., Timpson, N. J., Pearson, R. M., Heron, J., Sallis, H., Stergiakouli, E., Davis, O., Leckie, G. (2019). Identifying Critical Points of Trajectories of Depressive Symptoms from Childhood to Young Adulthood. *Journal of Youth and Adolescence.* 48, 815-827. [Manuscript](#).

2015

1. Attwood, A. S., Catling, J. C., **Kwong, A. S. F.**, Munafò, M. R. (2015). Effects of 7.5% Carbon Dioxide (CO₂) Inhalation and Ethnicity on Face Memory. *Physiology and Behavior*, 147, 97-101. [Manuscript](#).

Peer reviewed consortium publications:

6. Allotey, J., Archer, L., Snell, K. I., ... **IPPIC Collaborative Network.** (2024). Development and validation of a prognostic model to predict birth weight: individual participant data meta-analysis. *BMJ Medicine.* 3(1). [Manuscript](#).
5. Taylor, K., Eastwood, S., Walker, V., ... **Longitudinal Health and Wellbeing COVID-19 National Core Study**, CONVALESCENCE study, the OpenSAFELY collaborative. (2024). *The Lancet Diabetes & Endocrinology*, 12(8). [Manuscript](#).
4. Walker, V. M., Patalay, P., Coronado, J. I. C., ... **Longitudinal Health and Wellbeing COVID-19 National Core Study.** (2024). COVID-19 and Mental Illnesses in Vaccinated and Unvaccinated People. *JAMA Psychiatry.* 81(11). [Manuscript](#).
3. Costello, R. E., Tazare, J., Piehlmaier, D., ... **LH&W NCS (or CONVALESCENCE) Collaborative**, The OpenSAFELY collaborative. (2023). Ethnic differences in the indirect effects of the COVID-19 pandemic on clinical monitoring and hospitalisations for non-COVID conditions in England: a population-based, observational cohort study using the OpenSAFELY platform. *eClinMed*, 61. 102077. [Manuscript](#).
2. **The COVID-19 Host Genetics Initiative.** (2023). A second update on mapping the human genetic architecture of COVID-19. *Nature*, 621, E7–E26. [Manuscript](#).
1. Allotey, J., Whittle, R., Snell, K. I. E., ... **IPPIC Collaborative Network.** (2022). External validation of prognostic models to predict stillbirth using International Prediction of Pregnancy Complications (IPPIC) Network database: individual participant data meta-analysis. *Ultrasound Obstet Gynecol.* 59: 209-219. [Manuscript](#).

Manuscripts currently under consideration for publication *denotes joint first or senior author

1. **Kwong, A. S. F.**, Grimes, P. Z., Elsdén, E., ... McIntosh, A. M. (revise and resubmit at *Molecular Psychiatry*). Integrating longitudinal and life-course approaches with recent advances in genomics to transform understanding of depression. [Preprint](#).
2. **Kwong, A. S. F.**, Northstone, K., Pearson, R. M., McIntosh, A. M., Timpson, N. J. (revise and resubmit at *BJPsych Open*). Tracking population mental health before and across stages of the COVID-19 pandemic in young adults. [Preprint](#).
3. **Kwong, A. S. F.**, Maddalena, J. M., Croft, J., Heron, J., Leckie, G. (under review at *SSM: Population health*). Early Childhood Trauma and Trajectories of Depressive Symptoms. [Preprint](#).
4. Grimes, P. Z., Mitchell, B. L., Thompson, K. N., ... Whalley, H. C., **Kwong, A. S. F.** (revise and resubmit at *Nature Genetics*). Genome-wide association study of adolescent-onset depression. [Preprint](#).
5. Zahir, R., Fletcher-Watson, S., Mandy, W., Smith, D., **Kwong, A. S. F.** (submitted to *Autism Research*). Longitudinal evaluation of sleep and internalising problems across childhood and adolescence in autistic youth.
6. Zahir, R., Moody, S., Morales-Muñoz, I., Murray, A. L., Fletcher-Watson, S., **Kwong, A. S. F.**,* Smith, D. (submitted to *JCPP*). Associations of autism diagnosis, traits, and genetic liability with subsequent night-time sleep duration trajectories from infancy to adolescence. [Preprint](#).
7. Grimes, P. Z., Elsdén, E., Murray, A., L., Whalley, H. C., **Kwong, A. S. F.** (under review at *JCPP*). Longitudinal trajectories and networks of depression symptoms from adolescence to adulthood. [Preprint](#).
8. Xu, E., Y. Edmondson-Stait, A., **Kwong, A. S. F.**,* Whalley, H. C. (revise and resubmit at *Nature Mental Health*). Childhood food insecurity and youth mental health trajectories in two UK cohort studies. [Preprint](#).

9. Xu, E. Y., Grimes, P. Z., **Kwong, A. S. F.**, Lawrie, S., Whalley, H. C. (revise and resubmit at Molecular Psychiatry). Longitudinal Prediction of Adolescent Depression From Environmental and Polygenic Risk Scores. [Preprint](#).
10. Chuong, T. M. S., Adams, M. J., **Kwong, A. S. F.**, Haley, C. S., Amador, C., McIntosh, A. M. (submitted to Wellcome Open Research). Methodological Considerations When Using Polygenic Scores to Explore Parent-Offspring Genetic Nurturing Effects. [Preprint](#).
11. Fraser, H., **Kwong, A. S. F.**, Brooks, M., Davidson, B., McConville, R., Pearson, R. M. (under review *npj Mental Health Research*). Modelling the risk ecosystem of depression using machine learning in a population of young adults. [Preprint](#).
12. Sallis, H.M., Costantini, I., Chuong, M. T., ... **Kwong, A. S. F.**, ... Pearson, R. M. (resubmitted to JCPP). Direct and indirect genetic pathways between parental neuroticism and offspring emotional problems across development: evidence from 7 cohorts across 5 European nations. [Preprint](#).
13. Elsdon, E., **Kwong, A. S. F.**, McIntosh, A. M., Shireby, G., Garfield, G., Patalay, P. (revise and resubmit at Molecular Psychiatry). Age and cohort differences in the association between polygenic scores and psychological distress: evidence from the 1958 and 1970 British Birth Cohorts. [Preprint](#).
14. Hernandez, M. A., **Kwong, A. S. F.**, Li, C., Simpkin, A. J., Wootton, R. E., Joinson, C., Elhakeem, A. (submitted to Child Development). Estimating severity and rate of change of depressive symptoms in adolescence: a comparison of functional principal component analysis and mixed effects models. [Preprint](#).
15. Fairweather, S. J. **Kwong, A. S. F.**, Deniz, E., Hammerton G. Khandaker, G. M. Jones H. J. (submitted to Lancet Psychiatry). Long-term trends in childhood emotional symptoms in three diverse UK cohorts spanning three decades.

Invited talks

Cardiff University, Cardiff, UK	2026
Columbia University, New York, USA	2025
King's College London, London, UK	2024
Norwegian Institute of Public Health, Oslo, Norway	2024
Division of Psychiatry, University of Cambridge, Cambridge, UK	2024
Zangwill Club, University of Cambridge, Cambridge, UK	2024
Longitudinal Data Workshop, University of Dundee, Dundee, UK	2023
Neuroscience Day, University of Edinburgh, Edinburgh, UK	2021
British Journal of Psychiatry and UCL, University College London, Online	2021
Royal College of Psychiatrists, South-West Division, Online	2020
Massachusetts General Hospital, Harvard, Boston, USA	2019
ESRC Knowledge Exchange Event, University of Bristol, UK	2019
ESRC SDAI Workshop, Jean Golding Institute, University of Bristol, UK	2018

Symposia

2. World Congress of Psychiatric Genetics – **Cancun 2025**: Methods for Understanding Genetic Contributions to Lifecourse Mental Disorders (Chair)
1. World Congress of Psychiatric Genetics – **Singapore 2024**: Enhancing Understanding of Mental Disorders Through Integration of Genomic and Life-Course Data (Chair)

Conference contributions – talks

12. World Congress of Psychiatric Genetics – **Singapore 2024**: Using Repeated Measures to Improve the Precision and Power of Genome-Wide Association Studies (GWAS)
11. Behavior Genetics Association – **London 2024**: Using Repeated Measures of Depression to Improve the Precision and Power of Genome-Wide Association Studies (GWAS).
10. World Congress of Psychiatric Genetics – **Montreal 2023**: Leveraging Genetics to Examine the Causal Role of Adolescent Depression on Later Adult Outcomes.
9. World Congress of Psychiatric Genetics – **Online 2021**: Examining targetable pathways between genetic risk for depression and adolescent onset depression: the mediating role of adverse childhood experiences
8. MQ Mental Health Data Science Meeting – **Online 2021**: Examining mental health inequalities during COVID-19

in the National Core Study - Longitudinal Health and Wellbeing programme: Co-ordinated analysis across 12 longitudinal studies and electronic health records

7. MQ Mental Health Data Science Meeting – **Online 2020**: Mechanisms underlying poorer mental during the COVID-19 pandemic in two longitudinal UK cohorts.

6. MQ Mental Health Data Science Meeting – **Online 2020**: Mental health before and during the COVID-19 pandemic in two longitudinal UK cohorts.

5. MQ Mental Health – **Online 2020**: Mental health during COVID-19.

4. Global MHINT – **Bristol 2019**: Trajectories of Depressive Symptoms Across Development

3. SLLS – **Milan 2018**: Polygenic Risk Scores and Trajectories of Depressive Symptoms: The Benefits of Repeat Measures Analysis.

2. CLOSER - **London 2017**: Trajectories of Depressive Symptoms from Childhood to Young Adulthood: Evidence of Gender Differences from the Avon Longitudinal Study of Parents and Children (ALSPAC).

1. CLOSER - **London 2017**: A longitudinal study of neighbourhood effects on trajectories of depressive symptoms using data from the Avon Longitudinal Study of Parents and Children (ALSPAC).

Conference contributions – posters

14. World Congress of Psychiatric Genetics – **Cancun 2025**: Cross-Ancestry GWAS of Adolescent Onset Depression. ***Winner of best poster.**

13. World Congress of Psychiatric Genetics – **Singapore 2024**: Leveraging Genetics to Examine the Causal Role of Adolescent Depression on Later Adult Outcomes using One and Two Sample Mendelian Randomization.

12. Behavior Genetics Association – **London 2024**: Leveraging Genetics to Examine the Causal Role of Adolescent Depression on Later Adult Outcomes using One and Two Sample Mendelian Randomization.

11. World Congress of Psychiatric Genetics - **Florence 2022**: Association Between Polygenic Risk for Major Depressive Disorder & Developmental Depression Phenotypes.

10. World Congress of Psychiatric Genetics - **Online 2021**: Polygenic Risk for Depression, Anxiety and Neuroticism are Associated with the Severity and Rate of Change in Depressive Symptoms Across Adolescence.

9. World Congress of Psychiatric Genetics - **Online 2020**: Using Repeated Measures of Depression to Improve the Precision and Power of Genome-Wide Association Studies (GWAS). ***Nominated for best poster.**

8. MQ Mental Health – **London 2019**: Heterogeneity of Depressive Symptoms Across Adolescence; Antecedents and Later Psychopathology.

7. Munich International Symposium – **Munich 2018**: Risk Factors for Higher Trajectories of Depressive Symptoms from Adolescence to Young Adulthood.

6. MRC Integrative Epidemiology Unit Review – **Bristol 2018**: Social, Psychological and Biological Predictors of Trajectories of Depressive Symptoms

5. MRC Integrative Epidemiology Unit Review – **Bristol 2018**: Polygenic Risk Scores and Depressive Symptoms: The Benefits of Repeat Measures Analysis.

4. Bristol Population Health Symposium – **Bristol 2018**: Polygenic Risk Scores and Depressive Symptoms: The Benefits of Repeat Measures Analysis.

3. Longitudinal Developmental Science - **Liverpool 2017**: Trajectories of Depressive Symptoms from Childhood to Young Adulthood: Evidence of Gender Differences from the Avon Longitudinal Study of Parents and Children (ALSPAC).

2. British Association of Psychopharmacology - **Bristol 2015**: Effects of 7.5% carbon-dioxide inhalation on force control and temporal accuracy.

1. British Association of Psychopharmacology – **Cambridge 2014**: Effects of 7.5% carbon-dioxide inhalation on exploratory decision making in healthy volunteers: evidence from a multi-armed bandit task.

Quantitative Training

Mediation and Interaction Analysis, University of Bristol (UoB)	2017
Summer Institute in Social Science Genomics, Russell Sage Foundation, USA	2017
Multilevel Modelling in STATA, Centre for Multilevel modelling (UoB)	2017
Linear and Logistic Regression, Social and Community Medicine (UoB)	2017
Analysis of Repeated Measures, Social and Community Medicine (UoB)	2017
Multilevel modelling using MLwiN, Centre for Multilevel modelling (UoB)	2017
Systematic reviews and Meta-analysis, Social and Community Medicine (UoB)	2017

Linear regression using Stata, Centre for Multilevel modelling (UoB)	2017
Genetic Epidemiology, Social and Community Medicine (UoB)	2016
Introduction to Linux, Social and Community Medicine (UoB)	2016
Introduction to Stata, Social and Community Medicine (UoB)	2016
Introduction to R, Social and Community Medicine (UoB)	2016
Introduction to Medical Statistics, Social and Community Medicine (UoB)	2016

Analytical skills:

Software: Stata, Mplus, R, SPSS, Linux, ArcGIS

Methods: Longitudinal Analysis, Multilevel Modelling, Growth Mixture Modelling, Structural Equation Modelling, Genome-Wide Association Studies, Epigenome-Wide Association Studies, Mediation and Moderation Analysis, Mendelian Randomization, Data Simulation, Spatial Mapping.