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Employment

2024–	Senior Bioinformatician, Generation Scotland
2021–	Senior Research Fellow, Centre for Clinical Brain Sciences, University of Edinburgh
2017–2021	Data Scientist, Division of Psychiatry, University of Edinburgh
2015–2017	Post-doctoral Research Fellow, Division of Psychiatry, University of Edinburgh
2012–2015	Post-doctoral Research Associate, Department of Animal and Plant Sciences, University of Sheffield
2006–2007	Laboratory Technician, Drosophila Genetic Resource Center, Kyoto Institute of Technology

Academic Service

2023–	Academic Postgraduate Coordinator, Centre for Clinical Brain Sciences, University of Edinburgh
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Education

2008–2012	PhD Psychology, University of Edinburgh
2007–2008	MSc Quantitative Genetics & Genome Analysis, University of Edinburgh
1999–2003	AB Theoretical Evolutionary Biology, Cornell University

External Roles

Psychiatric Genomics Consortium

2025–	Core Analytical Group Co-Director, Major Depressive Disorder Working Group
2019–	Open Science Maintainer
2019–2025	Stage 2 Analyst, Major Depressive Disorder Working Group
2017–2019	Data Access Committee Representative, Major Depressive Disorder Working Group

Grants

2025–2029	Wellcome Trust. <i>What is the molecular genetic basis of anxiety in a very-low-income African setting? The Genetics of Anxiety In Malawi (G-AIM) Study.</i> (309744/Z/24/Z) £3,976,039. (Co-I)
2025–2026	BHF REA4 Pump Priming Award. <i>Multi-ancestry finemapping of gene clusters implicated in cardiovascular disease and mental health.</i> (RE/24/130012). £3500
2021–2024	Medical Research Council. <i>DATAMIND: Data Hub for Mental health INformatics research Development.</i> £225,575. (Co-I)
2014	Wellcome Trust. <i>Inferring genetic architecture from high-density genomic data.</i> £2000 (Co-I)
2010	Moray Endowment Fund Award. <i>Selection on human personality.</i> £2280.
2009	Sasakawa Foundation. <i>Personality in Japanese macaques.</i> £1000.

Awards

2025	Gershon Paper of the Year Award, International Society of Psychiatric Genetics. <i>(Given to a paper which has been published and reported on an outstanding achievement in the field of psychiatric genetics.)</i>
2012	Fulker Award, Behavior Genetics Association. <i>(Given to a paper of unusual merit that appeared in Behavior Genetics.)</i>
2008	Sir Kenneth Mather Memorial Prize, Genetics Society. <i>(Outstanding performance in the area of quantitative genetics.)</i>

Publications

As Lead Author

Studies designed and lead.

Adams, M. J., Streit, F., Meng, X., Awasthi, S., Adey, B. N., Choi, K. W., Chundru, V. K., Coleman, J. R. I., Ferwerda, B., Foo, J. C., Gerring, Z. F., Giannakopoulou, O., Gupta, P., Hall, A. S. M., Harder, A., Howard, D. M., Hübel, C., Kwong, A. S. F., Levey, D. F., ... McIntosh, A. M. (2025). Trans-ancestry genome-wide study of depression identifies 697 associations implicating cell types and pharmacotherapies. *Cell*, 188(3), 640–652. <https://doi.org/10.1016/j.cell.2024.12.002>

Adams, M. J., Thorp, J. G., Jermy, B. S., Kwong, A. S. F., Kõiv, K., Grotzinger, A. D., Nivard, M. G., Marshall, S., Milaneschi, Y., Baune, B. T., & et al. (2024). Genome-wide meta-analysis of ascertainment and symptom structures of major depression in case-enriched and community cohorts. *Psychological Medicine*, 54(12), 3459–3468. <https://doi.org/10.1017/S0033291724001880>

Adams, M., Hill, W., Howard, D., Dashti, H., Davis, K., Campbell, A., Clarke, T.-K., Deary, I., Hayward, C., Porteous, D., Hotopf, M., & McIntosh, A. (2020). Factors associated with sharing e-mail information and mental health survey participation in large population cohorts. *International Journal of Epidemiology*, 49(2), 410–421. <https://doi.org/10.1093/ije/dyz134>

Adams, M., Howard, D., Luciano, M., Clarke, T.-K., Davies, G., Hill, W., Smith, D., Deary, I., Porteous, D., McIntosh, A., 23andMe Research Team, & Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. (2020). Genetic stratification of depression by neuroticism: Revisiting a diagnostic tradition. *Psychological Medicine*, 50(15), 2526–2535. <https://doi.org/10.1017/S0033291719002629>

Arden, R., & Adams, M. (2016). A general intelligence factor in dogs. *Intelligence*, 55, 79–85. <https://doi.org/10.1016/j.intell.2016.01.008>

Adams, M., Bonaventura, M., Ostner, J., Schulke, O., De Marco, A., Thierry, B., Engelhardt, A., Widdig, A., Gerald, M., & Weiss, A. (2015). Personality structure and social style in macaques. *Journal of Personality and Social Psychology*, 109(2), 338–353. <https://doi.org/10.1037/pspp0000041>

Adams, M., Robinson, M., Mannarelli, M., & Hatchwell, B. (2015a). Social genetic and social environment effects on parental and helper care in a cooperatively breeding bird. *Proceedings of the Royal Society B-Biological Sciences*, 282(1810). <https://doi.org/10.1098/rspb.2015.0689>

Hatchwell, B., Gullett, P., & Adams, M. (2014). Helping in cooperatively breeding long-tailed tits: A test of Hamilton’s rule. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 369(1642). <https://doi.org/10.1098/rstb.2013.0565>

Adams, M., King, J., & Weiss, A. (2012). The majority of genetic variation in orangutan personality and subjective well-being is nonadditive. *Behavior Genetics*, 42, 675–686. <https://doi.org/10.1007/s10519-012-9537-y>

Reviews & Commentary

Adams, M. J. (2023). Leveraging family relatedness to detect participation bias in genetic studies. *Nature Genetics*. <https://doi.org/10.1038/s41588-023-01440-9>

Arden, R., Bensch, M., & Adams, M. (2016). A review of cognitive abilities in dogs, 1911 through 2016: More individual differences, please! *Current Directions in Psychological Science*, 25(5), 307–312. <https://doi.org/10.1177/0963721416667718>

Adams, M. (2014). Feasibility and uncertainty in behavior genetics for the nonhuman primate. *International Journal of Primatology*, 35(1), 156–168. <https://doi.org/10.1007/s10764-013-9722-8>

As Main Author

Provided primary data, analysis, and design.

Casey, H., Wright, H., King, J., Adams, M., McIntosh, A., Strawbridge, R., Fallon, M., Smith, D., Murray, A., & Whalley, H. (2025). Impact of lifestyle in chronic pain and depression: A propensity score analysis in UK Biobank. *Wellcome Open Research*, 10(318). <https://doi.org/10.12688/wellcomeopenres.23982.1>

Davis, K. A., Coleman, J. R., Adams, M., Breen, G., Cai, N., Davies, H. L., Davies, K., Dregan, A., Eley, T. C., Fox, E., Holliday, J., Hübel, C., John, A., Kassam, A. S., Kempton, M. J., Lee, W., Li, D., Maina, J., McCabe, R., ... Hotopf, M. (2025). The UK Biobank mental health enhancement 2022: Methods and results. *PLOS ONE*, 20(5), 1–20. <https://doi.org/10.1371/journal.pone.0324189>

- Davyson, E., Shen, X., Huider, F., Adams, M. J., Borges, K., McCartney, D. L., Barker, L. F., van Dongen, J., Boomsma, D. I., Weihs, A., Grabe, H. J., Kühn, L., Teumer, A., Völzke, H., Zhu, T., Kaprio, J., Ollikainen, M., David, F. S., Meinert, S., ... McIntosh, A. M. (2025). Insights from a methylome-wide association study of antidepressant exposure. *Nature Communications*, 16(1), 1908. <https://doi.org/10.1038/s41467-024-55356-x>
- Edmondson-Stait, A. J., Davyson, E., Shen, X., Adams, M. J., Khandaker, G. M., Miron, V. E., McIntosh, A. M., Lawrie, S. M., Kwong, A. S., & 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*, 68(1), e27. <https://doi.org/10.1192/j.eurpsy.2025.7>
- Kanjira, S. C., Adams, M. J., Jiang, Y., Tian, C., 23andMe Research Team, Lewis, C. M., Kuchenbaecker, K., & McIntosh, A. M. (2025). Polygenic prediction of major depressive disorder and related traits in African ancestries UK Biobank participants. *Molecular Psychiatry*, 30(1), 151–157. <https://doi.org/10.1038/s41380-024-02662-x>
- Shen, X., Barbu, M., Caramaschi, D., Arathimos, R., Czamara, D., David, F. S., Dearman, A., Dilkes, E., Herrera-Rivero, M., Huider, F., Kühn, L., Lu, K.-C., Palviainen, T., Schowe, A. M., Shireby, G., Weihs, A., Wong, C. C. Y., Davyson, E., Casey, H., ... McIntosh, A. M. (2025). A methylome-wide association study of major depression with out-of-sample case-control classification and trans-ancestry comparison. *Nature Mental Health*, 3(10), 1152–1167. <https://doi.org/10.1038/s44220-025-00486-4>
- Shen, X., Toenders, Y. J., Han, L. K. M., Weihs, A., Alexander, N., Andlauer, T. F. M., Brosch, K., Forstner, A. J., Grotegerd, D., Hahn, T., Hermesdorf, M., Hosten, N., Jamalabadi, H., Meinert, S., Milaneschi, Y., Sämann, P. G., Stein, F., Stolicyn, A., Teutenberg, L., ... Whalley, H. C. (2025). Association between polygenic risk for major depression and brain structure in a mega-analysis of 50,975 participants across 11 studies. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-025-03136-4>
- Thomas, J. T., Thorp, J. G., Huider, F., Grimes, P. Z., Wang, R., Youssef, P., Coleman, J. R. I., Byrne, E. M., Adams, M., BIONIC consortium, The GLAD Study, Medland, S. E., Hickie, I. B., Olsen, C. M., Whiteman, D. C., Whalley, H. C., Penninx, B. W. J. H., van Loo, H. M., Derks, E. M., ... Mitchell, B. L. (2025). Sex-stratified genome-wide association meta-analysis of major depressive disorder. *Nature Communications*, 16(1), 7960. <https://doi.org/10.1038/s41467-025-63236-1>
- Grimes, P. Z., Adams, M. J., Thng, G., Edmonson-Stait, A. J., Lu, Y., McIntosh, A., Cullen, B., Larsson, H., Whalley, H. C., & Kwong, A. S. F. (2024). Genetic architectures of adolescent depression trajectories in 2 longitudinal population cohorts. *JAMA Psychiatry*. <https://doi.org/10.1001/jamapsychiatry.2024.0983>
- Thng, G., Shen, X., Stolicyn, A., Adams, M. J., Yeung, H. W., Batziou, V., Conole, E. L. S., Buchanan, C. R., Lawrie, S. M., Bastin, M. E., & et al. (2024). A comprehensive hierarchical comparison of structural connectomes in major depressive disorder cases v. controls in two large population samples. *Psychological Medicine*, 54(10), 2515–2526. <https://doi.org/10.1017/S0033291724000643>
- Yeung, H. W., Stolicyn, A., Shen, X., Adams, M. J., Romaniuk, L., Thng, G., Buchanan, C. R., Tucker-Drob, E. M., Bastin, M. E., McIntosh, A. M., Cox, S. R., Smith, K. M., & Whalley, H. C. (2024). Classification accuracy of structural and functional connectomes across different depressive phenotypes. *Imaging Neuroscience*, 2, 1–24. https://doi.org/10.1162/imag_a-00064
- Davyson, E., Shen, X., Gadd, D. A., Bernabeu, E., Hillary, R. F., McCartney, D. L., Adams, M., Marioni, R., & McIntosh, A. M. (2023). Metabolomic investigation of major depressive

disorder identifies a potentially causal association with polyunsaturated fatty acids. *Biological Psychiatry*. <https://doi.org/10.1016/j.biopsych.2023.01.027>

de Nooij, L., Adams, M. J., Hawkins, E. L., Romaniuk, L., Munafò, M. R., Penton-Voak, I. S., Elliott, R., Bland, A. R., Waiter, G. D., Sandu, A.-L., & et al. (2023). Associations of negative affective biases and depressive symptoms in a community-based sample. *Psychological Medicine*, 53(12), 5518–5527. <https://doi.org/10.1017/S0033291722002720>

Gao, C., Amador, C., Walker, R. M., Campbell, A., Madden, R. A., Adams, M. J., Bai, X., Liu, Y., Li, M., Hayward, C., Porteous, D. J., Shen, X., Evans, K. L., Haley, C. S., McIntosh, A. M., Navarro, P., & Zeng, Y. (2023). Phenome-wide analyses identify an association between the parent-of-origin effects dependent methylome and the rate of aging in humans. *Genome Biology*, 24(1), 117. <https://doi.org/10.1186/s13059-023-02953-6>

Stolicyn, A., Lyall, L. M., Lyall, D. M., Høier, N. K., Adams, M. J., Shen, X., Cole, J. H., McIntosh, A. M., Whalley, H. C., & Smith, D. J. (2023). Comprehensive assessment of sleep duration, insomnia, and brain structure within the UK Biobank cohort. *Sleep*, 47(2), zsad274. <https://doi.org/10.1093/sleep/zsad274>

Wang, X., Walker, A., Revez, J. A., Ni, G., Adams, M. J., McIntosh, A. M., Wray, N. R., Ripke, S., Mattheisen, M., Trzaskowski, M., Byrne, E. M., Abdellaoui, A., Adams, M. J., Agerbo, E., Air, T. M., Andlauer, T. F. M., Bacanu, S.-A., Bækvad-Hansen, M., Beekman, A. T. F., ... Wray, N. R. (2023). Polygenic risk prediction: Why and when out-of-sample prediction R^2 can exceed SNP-based heritability. *The American Journal of Human Genetics*, 110(7), 1207–1215. <https://doi.org/10.1016/j.ajhg.2023.06.006>
doi: 10.1016/j.ajhg.2023.06.006.

Barbu, M. C., Amador, C., Kwong, A. S., Shen, X., Adams, M. J., Howard, D. M., Walker, R. M., Morris, S. W., Min, J. L., Liu, C., van Dongen, J., Ghanbari, M., Relton, C., Porteous, D. J., Campbell, A., Evans, K. L., Whalley, H. C., & McIntosh, A. M. (2022). Complex trait methylation scores in the prediction of major depressive disorder. *eBioMedicine*, 79, 104000. <https://doi.org/10.1016/j.ebiom.2022.104000>

Barbu, M. C., Harris, M., Shen, X., Aleks, S., Green, C., Amador, C., Walker, R., Morris, S., Adams, M., Sandu, A., McNeil, C., Waiter, G., Evans, K., Campbell, A., Wardlaw, J., Steele, D., Murray, A., Porteous, D., McIntosh, A., & Whalley, H. (2022). Epigenome-wide association study of global cortical volumes in Generation Scotland: Scottish Family Health Study. *Epigenetics*, 17(10), 1143–1158. <https://doi.org/10.1080/15592294.2021.1997404>

Barbu, M., Huider, F., Campbell, A., Amador, C., Adams, M., Lynall, M.-E., Howard, D., Walker, R., Morris, S., van Dongen, J., Porteous, D., Evans, K., Bullmore, E., Willemsen, G., Boomsma, D., Whalley, H., & McIntosh, A. (2022). Methylome-wide association study of antidepressant use in Generation Scotland and the Netherlands Twin Register implicates the innate immune system. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-021-01412-7>

Chuong, M., Adams, M. J., Kwong, A. S. F., Haley, C. S., Amador, C., & McIntosh, A. M. (2022). Genome-by-trauma exposure interactions in adults with depression in the UK Biobank. *JAMA Psychiatry*, 79(11), 1110–1117. <https://doi.org/10.1001/jamapsychiatry.2022.2983>

Grotzinger, A. D., Mallard, T. T., Akingbuwa, W. A., Ip, H. F., Adams, M. J., Lewis, C. M., McIntosh, A. M., Grove, J., Dalsgaard, S., Lesch, K.-P., Strom, N., Meier, S. M., Mattheisen, M., Børglum, A. D., Mors, O., Breen, G., Meier, S. M., Lee, P. H., Kendler, K. S., ... Schizophrenia Working Group of the Psychiatric Genetics Consortium. (2022). Genetic architecture of 11 major psychiatric disorders at biobehavioral, functional genomic and molecular genetic levels of analysis. *Nature Genetics*. <https://doi.org/10.1038/s41588-022-01057-4>

- Shen, X., Caramaschi, D., Adams, M. J., Walker, R. M., Min, J. L., Kwong, A., Hemani, G., Barbu, M. C., Whalley, H. C., Harris, S. E., Deary, I. J., Morris, S. W., Cox, S. R., Relton, C. L., Marioni, R. E., Evans, K. L., McIntosh, A. M., & Genetics of DNA Methylation Consortium. (2022). DNA methylome-wide association study of genetic risk for depression implicates antigen processing and immune responses. *Genome Medicine*, 14(1), 36. <https://doi.org/10.1186/s13073-022-01039-5>
- Barbu, M., Harris, M., Shen, X., Stolicyn, A., Green, C., Amador, C., Walker, R., Morris, S., Adams, M., Sandu, A., McNeil, C., Waiter, G., Evans, K., Campbell, A., Wardlaw, J., Steele, D., Murray, A., Porteous, D., McIntosh, A., & Whalley, H. (2021). Epigenome-wide association study of global cortical volumes in Generation Scotland: Scottish Family Health Study. *Epigenetics*. <https://doi.org/10.1080/15592294.2021.1997404>
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- Johnston, K., Ward, J., Ray, P., Adams, M., McIntosh, A., Smith, B., Strawbridge, R., Price, T., Smith, D., Nicholl, B., Bailey, M., & Epstein, M. (2021). Sex-stratified genome-wide association study of multisite chronic pain in UK Biobank. *PLoS Genetics*, 17(4), e1009428. <https://doi.org/10.1371/journal.pgen.1009428>
- Schoorl, J., Barbu, M., Shen, X., Harris, M., Adams, M., Whalley, H., & Lawrie, S. (2021). Grey and white matter associations of psychotic-like experiences in a general population sample UK Biobank. *Translational Psychiatry*, 11(1). <https://doi.org/10.1038/s41398-020-01131-7>
- Shen, X., MacSweeney, N., Chan, S., Barbu, M., Adams, M., Lawrie, S., Romaniuk, L., McIntosh, A., & Whalley, H. (2021). Brain structural associations with depression in a large early adolescent sample (the ABCD study®). *EClinicalMedicine*, 42. <https://doi.org/10.1016/j.eclinm.2021.101204>
- Van Dongen, J., Hagenbeek, F., Suderman, M., Roetman, P., Sugden, K., Chiocchetti, A., Ismail, K., Mulder, R., Hafferty, J., Adams, M., Walker, R., Morris, S., Lahti, J., Küpers, L., Escaramis, G., Alemany, S., Jan Bonder, M., Meijer, M., Ip, H., . . . Biobank-based Integrative Omics Study Consortium. (2021). DNA methylation signatures of aggression and closely related constructs: A meta-analysis of epigenome-wide studies across the lifespan. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-020-00987-x>
- Barbu, M., Spiliopoulou, A., Colombo, M., McKeigue, P., Clarke, T.-K., Howard, D., Adams, M., Shen, X., Lawrie, S., McIntosh, A., & Whalley, H. (2020). Expression quantitative trait loci-derived scores and white matter microstructure in UK Biobank: A novel approach to integrating genetics and neuroimaging. *Translational Psychiatry*, 10. <https://doi.org/10.1038/s41398-020-0724-y>
- Davis, K., Coleman, J., Adams, M., Allen, N., Breen, G., Cullen, B., Dickens, C., Fox, E., Graham, N., Holliday, J., Howard, L., John, A., Lee, W., McCabe, R., McIntosh, A., Pearsall, R., Smith, D., Sudlow, C., Ward, J., . . . Hotopf, M. (2020). Mental health in UK Biobank – development, implementation and results from an online questionnaire completed by 157 366 participants: A reanalysis. *BJPsych Open*, 6(2). <https://doi.org/10.1192/bjo.2019.100>
- de Nooij, L., Harris, M., Adams, M., Clarke, T.-K., Shen, X., Cox, S., McIntosh, A., & Whalley, H. (2020). Cognitive functioning and lifetime major depressive disorder in UK Biobank. *European Psychiatry*, 63(1). <https://doi.org/10.1192/j.eurpsy.2020.24>

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- Howard, D., Folkersen, L., Coleman, J., Adams, M., Glanville, K., Werge, T., Hagenaars, S., Han, B., Porteous, D., Campbell, A., Clarke, T.-K., Breen, G., Sullivan, P., Wray, N., Lewis, C., & McIntosh, A. (2020). Genetic stratification of depression in UK Biobank. *Translational Psychiatry*, 10(1). <https://doi.org/10.1038/s41398-020-0848-0>
- Kwong, A., Pearson, R., Adams, M., Northstone, K., Tilling, K., Smith, D., Fawns-ritchie, C., Bould, H., Warne, N., Zammit, S., Gunnell, D., Moran, P., Micali, N., Reichenberg, A., Hickman, M., Rai, D., Haworth, S., Campbell, A., Altschul, D., ... Timpson, N. (2020). Mental health before and during COVID-19 in two longitudinal UK population cohorts. *The British Journal of Psychiatry*, 1–27. <https://doi.org/10.1192/bjp.2020.242>
- Meng, W., Adams, M., Reel, P., Rajendrakumar, A., Huang, Y., Deary, I., Palmer, C., McIntosh, A., & Smith, B. (2020). Genetic correlations between pain phenotypes and depression and neuroticism. *European Journal of Human Genetics*, 28, 358–366. <https://doi.org/10.1038/s41431-019-0530-2>
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- Barbu, M., Zeng, Y., Shen, X., Cox, S., Clarke, T.-K., Gibson, J., Adams, M., Johnstone, M., Haley, C., Lawrie, S., Deary, I., McIntosh, A., & Whalley, H. (2019). Association of whole-genome and NETRIN1 signaling pathway-derived polygenic risk scores for major depressive disorder and white matter microstructure in UK Biobank. *Biological psychiatry. Cognitive neuroscience and neuroimaging*, 4(1), 91–100. <https://doi.org/10.1016/j.bpsc.2018.07.006>

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Book Chapters

Weiss, A., & Adams, M. (2013). Differential behavioral ecology. In C. Carere & D. Maestripieri (Eds.), *Animal personalities: Behavior, physiology, and evolution* (pp. 94–123). The University of Chicago Press.

Adams, M. (2011). Evolutionary genetics of personality in nonhuman primates. In M. Inoue-Murayama, A. Weiss, & S. Kawamura (Eds.), *From genes to animal behavior: Social structures, personality, communication by color* (pp. 137–164). Springer. https://doi.org/10.1007/978-4-431-53892-9_6

Weiss, A., & Adams, M. (2010, January). Personality, temperament, and behavioral syndromes. In G. Koob, M. Le Moal, & R. Thompson (Eds.), *Encyclopedia of behavioral neuroscience* (3rd ed., pp. 47–53). Elsevier. <https://doi.org/10.1016/B978-0-08-045396-5.00117-2>

Invited talks

2019	College of Medicine, University of Malawi
2014	Institute of Psychiatry, King's College London
	Department of Psychology, University of Sheffield
	Department of Psychology, University of York
2013	German Primate Center. Göttingen

Teaching

Undergraduate

Genetic and Environmental Influences on Behaviour and Mental Health
Data Science for Health and Biomedical Sciences
Medical Science 4 seminar on “Psychiatric Genetics”
Psychology 2 Practical Course (tutor)
Psychology 3 Methods (tutor)

Postgraduate

Univariate and Multivariate Statistics with R

Workshops

GenomicSEM Module, International Statistical Genetics Workshop

Supervision

Doctoral students

2021	Keira Johnston, Precision Medicine
2023	Melissa Lewins, Precision Medicine
2025	Ella Davyson, Biomedical Artificial Intelligence

MSc & Honours Students

U of Edinburgh	Quantitative Genetics & Genome Analysis Biomedical Artificial Intelligence Integrative Neuroscience Biomedical Sciences and Medical Sciences
U of Sheffield	Sheffield Undergraduate Research Experience

Knowledge Exchange

2025	Generation Scotland Symposium Usher Building Showcase Exhibition
2024	Doors Open Day
2023	Using de-identified Scottish primary care data for research: A meeting of stakeholders
2021	Evidence Submitted to Cross Party Group – Mental Health, Scottish Parliament <i>Depression Detectives</i> , online participant-led research forum
2020	Consultation on Digital Strategy for Scotland, Scottish Government NHS Research Scotland Mental Health Annual Scientific Meeting
2019	Midlothian Science Festival HDR UK Schools Engagement Edinburgh International Science Festival

Consulting & Industry Collaborations

23andMe
Baillie Gifford
University of Cambridge

Open Science

Code repositories

Personal	https://github.com/mja
Group	https://github.com/ccbs-stradl
Consortium	https://github.com/psychiatric-genomics-consortium

Datasets

Adams, M. J., Lewis, C., McIntosh, A., & Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. (2025). GWAS summary statistics for major depression (PGC MDD2025). Dataset. <https://doi.org/10.6084/m9.figshare.27061255>

Adams, M. J., & Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. (2025). MDD2 (MDD2018) GWAS sumstats w/o UKBB. Dataset. <https://doi.org/10.6084/m9.figshare.21655784>

Adams, M. J., & Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. (2024). GWAS summary statistics for major depressive disorder symptoms (2024). Dataset. <https://doi.org/10.6084/m9.figshare.22745573>

Wigmore, E., Hafferty, J., Hall, L., Howard, D., Clarke, T.-K., Fabbri, C., Lewis, C., Uher, R., Navrady, L., Adams, M., Zeng, Y., Campbell, A., Gibson, J., Thomson, P., Hayward, C., Smith, B., Hocking, L., Padmanabhan, S., Deary, I., ... McIntosh, A. (2020). Genome-wide association summary statistics of antidepressant treatment resistance meta-analysis, [dataset]. <https://doi.org/10.7488/ds/2791>

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Howard, D., Adams, M., Clarke, T.-K., Hafferty, J., Gibson, J., Shirali, M., Coleman, J., Ward, J., Wigmore, E., Alloza, C., Shen, X., Barbu, M., Xu, E., Whalley, H., Marioni, R., Porteous, D., Davies, G., Deary, I., Hemani, G., ... McIntosh, A. (2019). Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions, [dataset]. <https://doi.org/10.7488/ds/2458>

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Adams, M. J., Robinson, M. R., Mannarelli, M.-E., & Hatchwell, B. (2015b). Data from: Social genetic and social environment effects on parental and helper care in a cooperatively breeding bird. <https://doi.org/10.5061/dryad.9nj6s>

Journals, Conferences, Grant Panels

Editorial Boards

2014–2016 Frontiers in Evolutionary and Population Genetics

Reviewer

Journals	American Journal of Primatology, Animal Behaviour, BJPsychOpen, Behavioral Ecology and Sociobiology, Biological Psychiatry, Evolution, Intelligence, International Journal of Primatology, JAMA Psychiatry, Journal of Comparative Psychology, Journal of Research in Personality, Journal of the American Academy of Child and Adolescent Psychiatry, Lancet Psychiatry, Molecular Psychiatry, Proceedings of the Royal Society B, Psychological Science
Conferences	World Congress of Psychiatric Genetics
Grants	Medical Research Council, Swiss National Science Foundation