



## Dr Liam Mahedy

Senior Research Associate in Genetic Epidemiology

### Area of research

Understanding the association between alcohol and cognition as risk factors for dementia

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### Summary

Liam Mahedy's main area of research is in applying observational and genetic epidemiological methods to the understanding of alcohol related harms. The core strength of my research is implementing a *triangulation* approach which strengthens the ability to make causal associations. I am currently working with [Prof. Marcus Munafa](#) on a project examining the association between alcohol use and cognition as risk factors for dementia, with the support of an [Elizabeth Blackwell Institute early career fellowship](#). I welcome contact from potential collaborators.

### Biography

PhD Psychology, University of Ulster (2009-2012)

Epidemiologist, University of Bristol (2012-2013)

Research Associate, Cardiff University (2013-2015)

Senior Research Associate in Epidemiology and Medical Statistics, University of Bristol (2015-2019)

Elizabeth Blackwell Institute Early Career Fellow (currently)

### Teaching

Analysis of Repeated Measures short course

Evidence Based Medicine

### Keywords

- Alcohol Use
- Cognition
- Dementia
- Life Course Epidemiology
- Causal Inference

### Memberships

### Organisations

## Psychological Science staff

- [Psychological Science research staff](#)

## Research themes

- [Brain and behaviour](#)

## Research groups

- [Physical and mental health > Tobacco and alcohol research group](#)

## Links

-  [researchgate](#)

## Recent publications

- Hammerton, G, Edwards, AC, Mahedy, L, Murray, J, Maughan, B, Kendler, KS, Hickman, M & Heron, JE, 2019, '[Externalising pathways to alcohol-related problems in emerging adulthood](#)'. *Journal of Child Psychology and Psychiatry*.
- Lassi, G, Taylor, AE, Mahedy, L, Heron, J, Eisen, T & Munafò, MR, 2019, '[Locus of control is associated with tobacco and alcohol consumption in young adults of the Avon Longitudinal Study of Parents and Children](#)'. *Royal Society Open Science*, vol 6.
- MacKinnon, N, Kingsbury, M, Mahedy, L, Evans, J & Colman, I, 2018, '[The Association Between Prenatal Stress and Externalizing Symptoms in Childhood: Evidence From the Avon Longitudinal Study of Parents and Children](#)'. *Biological Psychiatry*, vol 83., pp. 100-108
- Mahedy, L, MacArthur, G, Hammerton, G, Edwards, AC, Kendler, KS, Macleod, J, Hickman, M, Moore, SC & Heron, J, 2018, '[The effect of parental drinking on alcohol use in young adults: the mediating role of parental monitoring and peer deviance](#)'. *Addiction*.
- Khambati, N, Mahedy, L, Heron, J & Emond, A, 2018, '[Educational and emotional health outcomes in adolescence following maltreatment in early childhood: A population-based study of protective factors](#)'. *Child Abuse and Neglect*, vol 81., pp. 343-353
- Mahedy, L, Field, M, Gage, S, Hammerton, G, Heron, J, Hickman, M & Munafò, MR, 2018, '[Corrigendum: Alcohol Use in Adolescence and Later Working Memory: Findings From a Large Population-Based Birth Cohort](#)'. *Alcohol and Alcoholism*.
- Mahedy, L, Field, M, Gage, S, Hammerton, G, Heron, J, Hickman, M & Munafò, MR, 2018, '[Alcohol Use in Adolescence and Later Working Memory: Findings From a Large Population-Based Birth Cohort](#)'. *Alcohol and Alcoholism*, vol 53., pp. 251-258
- Hammerton, G, Heron, J, Mahedy, L, Maughan, B, Hickman, M & Murray, J, 2018, '[Low resting heart rate, sensation seeking and the course of antisocial behaviour across adolescence and young adulthood](#)'. *Psychological Medicine*.
- Mahedy, L, Harold, GT, Maughan, B, Gardner, F, Araya, R, Jones, RB, Hammerton, G, Sellers, R, Thapar, A & Collishaw, S, 2018, '[Resilience in high-risk adolescents of mothers with recurrent depressive disorder: the contribution of fathers](#)'. *Journal of Adolescence*, vol 65., pp. 207-218
- Mahedy, L, Hammerton, G, Teyhan, A, Edwards, AC, Kendler, KS, Moore, SC, Hickman, M, MacLeod, J & Heron, J, 2017, '[Parental alcohol use and risk of behavioral and emotional problems in offspring](#)'. *PLoS ONE*, vol 12.

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