



**Dr Caroline Taylor**  
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## Summary

My research interests are in maternal and child health in relation to nutrition and the environment. I held a Daphne Jackson Fellowship in 2012-2014 and am currently a Wellcome Career Re-Entry Fellow (2015-2019). I manage projects on the environment in pregnancy in relation to child health and development, preschool child eating behaviour, and the effect of childhood nutrition on later body composition. From 2020 I will be running a project on dietary exposures to toxic metals in pregnancy funded by an MRC Career Development Award (2020-2025).

## Keywords

- Nutrition
- Diet
- Prenatal
- Trace elements
- Biomarkers
- Lead
- Cadmium
- Mercury
- Child
- Pregnancy
- Epidemiology

## Expertise

My main areas of interest are in nutrition and environmental epidemiology. I am presently researching the effects of prenatal exposure to heavy metals, including lead, cadmium and mercury, on childhood outcomes such as growth and neurological development. I also lead a project on picky eating behaviour in children looking at the effects on nutrition, growth and other aspects of development.

- Trace elements
- Lead
- nutrition
- Child development
- pregnancy
- Mercury
- Cadmium

## Memberships

## Organisations

[Bristol Medical School \(PHS\)](#)

## Centres, collaborations and units

- [Centre for Child and Adolescent Health](#)

## Recent publications

- Johnson, LR, Thomas, RG, Hey, JV, Hansell, AL, Gulliver, J, Taylor, CM, Golding, J, Macleod, JAA & Boyd, AW, 2019, '[Geographically distributed longitudinal nitrogen dioxide and other air pollution sensor measurements in the Avon Longitudinal Study of Parents and Children cohort catchment area](#)'. *Wellcome Open Research*, vol 4.
- Boyd, A, Thomas, R, Hansell, AL, Gulliver, J, Hicks, LM, Griggs, R, Hey, JV, Taylor, CM, Morris, T, Golding, J, Doerner, R, Fecht, D, Henderson, J, Lawlor, DA, Timpson, NJ & Macleod, J, 2019, '[Data Resource Profile: The ALSPAC birth cohort as a platform to study the relationship of environment and health and social factors](#)'. *International Journal of Epidemiology*.
- Taylor, CM, Hays, NP & Emmett, PM, 2019, '[Diet at age 10 and 13 years in children identified as picky eaters at age 3 years and in children who are persistent picky eaters in a longitudinal birth cohort study](#)'. *Nutrients*, vol 11.
- Taylor, C, Doerner, R, Northstone, K & Kordas, K, 2019, '[Dietary Patterns Are Not Consistently Associated with Variability in Blood Lead Concentrations in Pregnant British Women](#)'. *Journal of Nutrition*, vol 149., pp. 1027-1036
- Taylor, C, 2019, '[Dietary and environmental exposures in pregnancy](#)'. in: Alan Emond (eds) *Health for all children*. Oxford University Press, Oxford, pp. 17-30
- Taylor, C & Emmett, P, 2019, '[Picky eating in children: Causes and consequences](#)'. *Proceedings of the Nutrition Society*, vol 78., pp. 161-169
- Taylor, C, Steer, C, Hays, N & Emmett, P, 2018, '[Growth and body composition in children who are picky eaters: a longitudinal view](#)'. *European Journal of Clinical Nutrition*.
- Taylor, CM, Emond, AM, Lingam, R & Golding, J, 2018, '[Prenatal lead, cadmium and mercury exposure and associations with motor skills at age 7 years in a UK observational birth cohort](#)'. *Environment International*, vol 117., pp. 40-47
- Taylor, C, Emmett, P, Emond, A & Golding, J, 2018, '[A review of guidance on fish consumption in pregnancy: Is it fit for purpose?](#)'. *Public Health Nutrition*.
- Hibbeln, JR, Gregory, S, Iles-Caven, Y, Taylor, C, Emond, A & Golding, J, 2018, '[Total mercury exposure in early pregnancy has no adverse association with scholastic ability of the offspring particularly if the mother eats fish](#)'. *Environment International*, vol 116., pp. 108-115

[View complete publications list](#) in the University of Bristol publications system

## Projects

- [Avon Longitudinal Study of Parents and Children \(ALSPAC\)](#)
- [ELSPAC in the Isle of Man](#)