



## **Dr Sam Leary**

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## **Summary**

Research:

I am part of the Lifecourse Epidemiology and Population Oral Health Group. My primary research interest is identifying the lifecourse determinants of later outcomes, in particular physical activity, body composition and cardiovascular health as well as oral health in adolescence.

Teaching:

I run Research Methods courses (based on e-lectures and interactive tutorials) for 2nd year undergraduate students and a variety of postgraduate students. I am also involved in the 4/5th year undergraduate Elective Research Projects.

## **Biography**

I graduated from the University of Sheffield in 1995 with a BSc in Probability and Statistics, and the University of Reading in 1996 with an MSc in Biometry. I then worked for the Medical Research Council Environmental Epidemiology Unit for almost seven years, also obtaining a PhD in Epidemiology. I came to Bristol in 2003 to take up the post of Research Fellow for the Avon Longitudinal Study of Parents and Children (ALSPAC). I was appointed Lecturer in Statistics in the School of Oral and Dental Sciences in 2007, and Senior Lecturer in Statistics in 2011.

## **Keywords**

- statistics
- epidemiology
- lifecourse epidemiology

## **Memberships**

### **Organisations**

[Bristol Dental School](#)

### **Other sites**

- [Populationhealth](#)

### **Academic staff**

- [Non-clinical teaching](#)

- [Research](#)

## Research programmes

- [Lifecourse Epidemiology and Population Oral Health](#)

## Research groups

- [Head and Neck Cancer](#)
- [Nutrition](#)

## Selected publications

- Howe, L, Matijasevich, A, Tilling, K, Brion, M-J, Leary, S, Smith, GD & Lawlor, D, 2012, '[Maternal smoking during pregnancy and offspring trajectories of height and adiposity: comparing maternal and paternal associations](#)'. *International Journal of Epidemiology*, vol 41., pp. 722-732
- Leary, S, Smith, GD & Ness, A, 2010, '[No evidence of large differences in mother-daughter and father-son body mass index concordance in a large UK birth cohort](#)'. *International Journal of Obesity*, vol 34 (7)., pp. 1191 - 1192
- Riddoch, C, Leary, S, Ness, A, Blair, S, Deere, K, Mattocks, CG, Griffiths, A, Smith, GD & Tilling, K, 2009, '[Prospective associations between objective measures of physical activity and fat mass in 12-14 year old children: the Avon Longitudinal Study of Parents and Children \(ALSPAC\)](#)'. *BMJ*, vol 339.
- Brion, M-J, Leary, S, Lawlor, D, Smith, GD & Ness, A, 2008, '[Modifiable maternal exposures and offspring blood pressure: a review of epidemiological studies of maternal age, diet and smoking](#)'. *Pediatric research*, vol 63(6)., pp. 593 - 598
- Leary, S, Smith, GD & Ness, A, 2006, '[Smoking during pregnancy and components of stature in offspring](#)'. *American Journal of Human Biology*, vol 18 (4)., pp. 502 - 512
- Leary, S, Smith, GD, Rogers, I, Reilly, J, Wells, J & Ness, A, 2006, '[Smoking during pregnancy and offspring fat and lean mass in childhood](#)'. *Obesity*, vol 14 (12)., pp. 2284 - 2293
- Leary, S, Ness, A, Emmett, P, Smith, GD, Headley, J & Study, TA, 2005, '[Maternal diet in pregnancy and offspring blood pressure](#)'. *Archives of Disease in Childhood*, vol 90 (5)., pp. 492 - 493
- Leary, S, Ness, A, Emmett, P, Smith, GD & Study, TA, 2005, '[Maternal diet in pregnancy and offspring height, sitting height, and leg length](#)'. *Journal of Epidemiology and Community Health*, vol 59 (6)., pp. 467 - 472

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## Recent publications

- Williams, GM, Leary, SD, Ajami, NJ, Keating, SC, Petrosin, JF, Hamilton-Shield, JP & Gillespie, KM, 2019, '[Gut microbiome analysis by post: Evaluation of the optimal method to collect stool samples from infants within a national cohort study](#)'. *PLoS ONE*, vol 14.
- Zou, Z, Northstone, K, Perry, R, Johnson, L & Leary, S, 2019, '[The impact of later eating rhythm on childhood adiposity: protocol for a systematic review](#)'. *BMC Medicine*.

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