

Supervisor	Project	Term 1	Term 2	Term 3
1 David Gunnell	Assessing changes in the social class distribution of suicide mortality in England and Wales over the course of the 20th century.			
2 Santiago Rodriguez & Ian Day	Genetic analysis of individuals with extreme values of blood biomarkers			
3 Jeff Holly & Clare Perks	An investigation of nutrition-dependent epigenetic modifications of IGFs and PTEN in relation to cancer risk.			
4 Dr Nic Timpson, Prof Paul Martin, Leila Thuma	Variations in wound healing loci and their association with injury and scar related outcomes in the ALSPAC cohort.			
5 John Henderson & Raquel Granell	Systematic Review and Meta-Analysis of the association of polymorphisms in the ADAM33 gene and asthma			
6 Ian Day & Frank Windmeijer	Development of the "genotype ratio treatment index," a new tool for researching health care delivery and outcomes			
7 Ian Day	APOE phenome scans: defining APOE-dependent disease susceptibilities			
8 Alastair Hay	What is the evidence of effectiveness for mucolytic treatments for children with OME?			
9 Bruna Galobardes	The role of hormones in young adulthood, measured with presence of acne, in prostate cancer			
10 David Gunnell & Lucy Biddle	Investigating the accessibility and nature of suicide-related information online	Term 2 & 3 only		
11 Nic Timpson	An investigation into the architecture of eating behaviour: application of the Mandometer to population based data collection.			
12 Tom Gaunt & Ian Day	Confirmation of deletions in GWAS studies using results from analysis of Hardy-Weinberg Equilibrium distortion			
13 Katy Turner & John Macleod	Review of the economic cost of managing, controlling and preventing sexually transmitted infection: developing an analytical framework for assessing cost-effectiveness			
14 Abigail Fraser & Debbie Lawlor	Gestational weight gain and daughters' age at menarche: the Avon Longitudinal Study of Parents and Children (ALSPAC)			
15 Sarah Lewis, Carol Joinson, George Davey Smith	Using a Mendelian randomization framework to determine whether there is a causal association between early menarche and depression			
16 Margaret May & Mark Gompels	Evidence informed commissioning of HIV services: evaluation of proposed performance monitoring indicators			
17 Beate St Pourcain and Caroline Relton	Diversity in methylation profiles from multiple tissue types from individuals of the Cleft Collective Cohort studies			
18 Sarah Lewis and Carolina Bonilla	Does prenatal exposure to heavy metals affect IQ and behaviour among children?			
19 Sarah Lewis, Mike Gardner and Richard Martin	A systematic review of mechanistic studies of calcium and prostate cancer			
20 Stephen Richmond and Jon Tobias	Exploring relationships between facial shape and bone development			
21 Kate Tilling, Laura Howe & Sean Cumming (University of Bath)	Deriving a measure of maturation status based on percentage of predicted adult stature			
22 Santi Rodriguez, Nic Timpson and David Evans	Y chromosome and mitochondrial DNA to inform genetic association studies: <i>FTO</i> and body weight as an example			
23 Santi Rodriguez, Nic Timpson and David Evans	Investigating Genetic Interactions Between Mitochondrial DNA and Autosomal Loci			
24 Caroline Drugan & Sam Leary	What factors in children are important predictors for the offer and subsequent uptake of orthodontic care?			
25 John Macleod & Matthew Hickman	Causes of morbidity in injection drug users presenting in primary care: population based case-control study			
26 Luisa Zuccolo	A genome-wide scan of alcohol sensitivity in teenagers			
27 Corrie Macdonald-Wallis and Abigail Fraser	Do BMI and alcohol consumption interact in their association with liver enzymes and ultrasound-assessed liver function during adolescence?			
28 Corrie Macdonald-Wallis and Abigail Fraser	Patterns of blood pressure change in pregnancy and cardiometabolic health in middle age: the Avon Longitudinal Study of Parents and Children.			
29 Luisa Zuccolo and Abigail Fraser	Alcohol consumption in pregnancy and pregnancy complication: the Avon Longitudinal Study of Parents and Children			
30 Luisa Zuccolo and Jon Heron	Genetic influences on the brain reward system and teenage alcohol drinking	Term 2 & 3 only		
31 Luisa Zuccolo and Neil Davies	Alcohol and prostate cancer risk - Mendelian randomization in the largest case-control study to date.	Term 2 & 3 only		
32 Abigail Fraser, Laura Howe, Jonathan Wells (Institute of Child Health, University College London)	Inter-pregnancy interval as a risk factor for long term offspring cardiovascular health.			
33 Chris Metcalfe	Prostate-specific antigen testing rates over a ten year period using the clinical practice research datalink (CPRD).			
34 Kate Tilling and Richard Martin	Fetal and postnatal growth and the modifying effect of breastfeeding on long-term levels of circulating insulin-like growth factor: analysis of 17,000 children in the PROBIT trial			
35 Luisa Zuccolo	A genome-wide scan of alcohol sensitivity in teenagers			
36 Bruna Galobardes	Extended family history and risk of asthma and atopy-related conditions in early adulthood			
37 Bruna Galobardes and Mona Jeffreys	History of asthma and allergy-related conditions with cancer mortality.			
38 Emma Clark and Jon Tobias	Association between scoliosis and pain using ALSPAC			
39 Emma Clark and Jon Tobias	Association between hypermobility and scoliosis using ALSPAC			
40 Alastair Hay & Tom Gaunt	What are the social, clinical and genetic factors that predispose adults to respiratory tract infections?			
41 Sarah Lewis, Carolina Bonilla, Richard Martin	A Mendelian randomization study to identify nutrients which cause prostate cancer incidence and progression			
42 Tom Gaunt, Colin Campbell and Jose Soeane	Approaches to data integration and visualisation in multi-omics and epidemiological data			
43 Tom Gaunt, Colin Campbell and Jose Soeane	Aggregating methods for analysis of association between methylation and phenotypes or outcomes			
44 Kate Northstone and Laura Howe	Fussy eating in infancy/toddlerhood and later child growth.			
45 Lavinia Paternoster	Identifying genetic variants that influence facial morphology			
46 Lavinia Paternoster and Caroline Relton	Investigating epigenetic mediators of atopic dermatitis risk factors			
47 Celia Gregson, Jon Tobias and Caroline Relton	Does DNA methylation influence bone mineral density in children?			
48 Celia Gregson, Jon Tobias, David Evans and Debbie Lawlor	Using metabolomic profiles to investigate the association between cardiovascular disease and osteoporosis			
49 Celia Gregson, Jon Tobias Prof David Evans	Metabolomic profiles in individuals with an extreme High Bone Mass phenotype			
50 So-Youn Shin, E. Andres Houseman, Tom Gaunt, and Caroline Relton	Investigation of cell mixture adjustments in analysis of DNA methylation in cord blood and children's blood			