

# St George's University of London Population Health Research Institute Annual Review, 2015

## Introduction

The Population Health Research Institute (PHRI) is one of three research institutes formed at St George's University of London (SGUL) in February 2014.

## Vision and mission statement

Our *aspiration (mission statement)* is to carry out population-based research which is intellectually stimulating, financially sustainable, respected nationally and internationally, and which has a positive impact on public health policy or health care practice.

Our *strategic aim (vision)* is to remain a cost-effective and productive research group that will be considered an asset by St George's, and by any institution with which St George's may seek partnership or union in the future.

Major issues that we are addressing in our current research programme include:

- International trends and variations in respiratory and cardiovascular disease
- Social and ethnic inequalities in disease risk among children
- Childhood and early adult predictors of later ill health
- Benefits of and interventions for increasing physical activity at all ages
- Adverse health effects of indoor and outdoor air pollutants
- The population burden and causes of eye disease
- Genetic and environmental influences on respiratory and cardiovascular disease
- Assessing the "evidence base" for therapies and policies for disease prevention
- Quality of medical care for adults with learning disability
- Social inclusion and peer support for mental health patients

## Staffing

During its second year of operation, the Institute has comprised approximately 60 staff plus 20 honorary or visiting members. This includes the following academic posts:

- 5 full-time professors of epidemiology (Cook, Critchley, Owen, Strachan, Whincup)
- 1 full-time professor of behavioural medicine (Ussher)
- 0.5 FTE professor of forensic psychiatry (Mezey)
- 0.3 FTE professor of general practice (Oakeshott)
- 2 emeritus professors (Anderson, Lacey)
- 2.2 FTE readers in epidemiology or medical statistics (Atkinson, Poloniecki, Rudnicka)
- 1 full-time reader in social & community mental health (Gillard)
- 0.5 FTE reader in primary care (Harris)
- 2.6 FTE senior lecturers or senior fellows in general practice and/or public health (Alderslade, Cates, De Wilde, Shah\*, Thomas)
- 2.5 FTE lecturers in epidemiology or medical statistics (Butland, Carey, Donin)

\* Dr Sunil Shah died in September 2015. He is fondly remembered by everyone in PHRI.

The remaining staff, mostly research assistants and research fellows, are funded mainly by research grants or by the SW London & St George's Mental Health Trust.

Professor David Strachan was appointed as Director of PHRI from its inception. He will be succeeded by Professor Peter Whincup with effect from May 2016. The Institute currently has no SGUL-funded administrative support, as our Research Institute Manager (RIM) post is frozen as a contribution to the School's financial improvement programme. Cheryl Furness combines RIM duties with research management tasks, an arrangement which is funded through two research grants until July 2016.

### **Estates and facilities**

The Institute is co-located with the Institute of Medical and Biomedical Education (IMBE) on the 6<sup>th</sup> floor of Hunter wing. We make regular use of the central computing facilities for statistical analysis and periodically use these more intensively for data processing. We make no use of "core" research facilities in Jenner Wing.

Following some reconfiguration of office spaces in early 2015, PHRI is accommodated in about 500m<sup>2</sup> office space and shares with IMBE adjacent meeting rooms (200m<sup>2</sup>), hotdesk area (20m<sup>2</sup>), social space (20m<sup>2</sup>) and kitchen (25m<sup>2</sup>). PHRI also occupies 30m<sup>2</sup> storage (for paper archives and survey equipment) and 100m<sup>2</sup> air-conditioned rooms (for freezers) in the centre of Hunter level 6.

Plans are well advanced to move PHRI to an equivalent space (about 800m<sup>2</sup>) on the first floor of Jenner Wing (D block) in April or May 2016.

### **Teaching activity during 2014-15**

During the academic year 2014-15, members of the PHRI contributed a total of 4003 weighted teaching hours (including role hours) to undergraduate and taught postgraduate courses at SGUL, together comprising 3.4% of all non-PhD teaching diary time across SGUL. This proportion is the same as in the previous academic year.

Our commitments to PhD/MD supervision, totalling 850 weighted teaching hours, represent 9.7% of the SGUL total during the academic year 2014-15. This proportion was 5.4% in 2013-14. There are currently six SGUL-registered PhD students under supervision in PHRI.

### **Research outputs during 2015 (annexes 1-3)**

Journal publications by PHRI members during 2015 comprised 142 papers in print during 2015, including 4 papers in Nature, 6 in Lancet, 2 in BMJ and 1 in PLoS Medicine, as well as many in leading specialist journals (annex 1). Annex 2 compares the profile of our 2015 publications to a 5-year summary of outputs from 2010-14. Forward momentum is evident, with a further 30 E-publications ahead of print during 2015 (annex 3).

### **Research grants active during 2015 (annex 4)**

Over the REF 2014 reporting period (2008-9 to 2012-13), research grant spending within Population Health (including Mental Health) was stable at approximately £2.5 million annually. Just over half of this funding came from UK government sources (mainly NIHR) and one-quarter came from UK charities.

This pattern of funding has been maintained recently, as illustrated by the list of active research grants held by PHRI investigators shown as annex 4.

Additionally, there are several awards which will commence in 2016 and provide evidence of forward momentum:

- Two project grants, one from the UK MRC, one from the US Health Effects Institute, to support collaborative studies of the health effects of outdoor air pollution (Atkinson).
- Two project grants from the British Heart Foundation, one to evaluate measures of adiposity in children of different ethnic groups (Whincup), the other to support automated analysis of vascular morphology in retinal photographs from UK Biobank (Rudnicka and Owen).
- A NIHR postdoctoral fellowship for evaluation of E-support for families and friends of individuals affected by psychosis (Sin, supervised by Gillard).
- A Wellcome Trust seed-funding award to develop dietary interventions to prevent obesity and its metabolic consequences in children (Donin).

### **External activities during 2015**

Atkinson is a member of the Department of Health (DH) Advisory Committee on Medical Effects of Air Pollution (COMEAP) and Strachan serves on a COMEAP subgroup on quantification (QUARK).

Ussher acts as a consultant for the Department of Health on tobacco control and is a member of the UK Centre for Tobacco and Alcohol Studies. He is a member of the expert group responsible for updating National Institute for Health and Clinical Excellence guidance on 'How to stop smoking in pregnancy and following childbirth'.

Critchley is an editor on the Cochrane Infectious Diseases Group. Welsh is a member of the Methods Application and Review Standards Working Group which advises the Editor-in-Chief of the Cochrane Collaboration on methodological issues. Stovold is an elected representative member of the Cochrane Steering Group.

Cates is an executive of the BTS/SIGN asthma guidelines group and also has responsibility for training of British Cochrane authors as Learning and Development Fellow at the UK Cochrane Centre.

Critchley is an editorial advisor for BMC Infectious Diseases and an external expert for the Global Burden of Disease Project. Ussher is a senior editor for the journal Addiction. Goodair is a member of the editorial board for the journal Drugs and Alcohol Today.

Oakeshott is a member of the NIHR Research for Patient Benefit grants panel for London and Whincup is a member of the British Heart Foundation Project Grant Committee. Owen is a member of the Research Funding Board of the NIHR Public Health Research Programme and Harris serves on the NIHR Health Technology Assessment Panel: Primary Care Community and Preventive Interventions (PCCPI). Ussher is a member of the Tobacco Advisory Group (research funding committee) for Cancer Research UK.

Three members of PHRI serve on UK Biobank Working Groups related to health outcomes (Strachan), eyes and vision (Owen, Rudnicka) and physical activity (Owen). Whincup acts as scientific advisor to the ALSPAC Study and the Born in Bradford Study. Oakeshott and Ussher each chair an NIHR trial steering committee. Strachan and Ussher serve as external members on other trial steering committees.

Poloniecki is an elected Governor of St George's University Hospitals NHS Trust. Strachan is the elected academic staff representative on the Council for St George's, University of London.

## **Collaborations**

Collaboration at local, national and international levels is a central feature of our research strategy and underpins many of our highest impact publications.

Within St George's, we have active links with the Institute of Infection & Immunity through research into sexually transmissible diseases and allergic disorders. We collaborate with the Vascular Surgery group within the Institute of Cardiovascular & Cell Sciences on studies of mortality and other outcomes in hospitalised patients. We have close links with the SW London & St George's Mental Health Trust on research into peer support for mental health patients and their carers.

Within London, we have longstanding and productive links to the British Regional Heart Study (based at UCL, where Whincup is BRHS Clinical Director), and with the MRC-PHE Centre for Environment & Health at KCL and Imperial College. Our collaborative work with computer scientists at Kingston University facilitates large-scale processing of retinal images for epidemiological studies. We are engaged with several themes of the South London CLAHRC (see annex 4) and have diverse research collaborations with the London School of Hygiene & Tropical Medicine, with whom SGUL formed an MRC-funded Doctoral Training Partnership in 2015.

Elsewhere in the UK, we wish to highlight our collaborations in relation to healthy behaviours with the MRC Epidemiology Unit, Cambridge and the UK Centre for Tobacco and Alcohol Studies, led from Nottingham. We also have well established links with Nottingham and Leicester Universities through studies of respiratory diseases, and with the Universities of Bristol, Liverpool, Newcastle and Glasgow through studies of cardiovascular disease. Through the Cochrane Airways Group, we have both a national and international profile in assembling and assessing the evidence for treatment of chronic respiratory diseases.

St George's (through Anderson and Strachan) was a founder member of the International Study of Asthma & Allergies in Childhood, formed in 1990, and Strachan continues to have international collaborations with Auckland, New Zealand and Ulm, Germany. He also participates in many global consortia concerned with genetic epidemiology. Atkinson and Anderson have both European and trans-Atlantic links within the field of air pollution research. Critchley has a longstanding interest in building research capacity in low and middle income countries and is currently involved in several collaborative international projects relating to cardiovascular diseases, diabetes and tuberculosis.

In December 2015, we sought to extend these collaborative links by applying to join the NIHR School of Public Health Research when it is refreshed in April 2017. We await the outcome of this application, which, if successful, would allow us to join a UK-wide consortium of about 10 university departments with interests and expertise in applied public health research.

## Annex 1: Population Health Research Institute - Journal Publications 2015

- (1) Adrian N, **Smith JG**. Occupied bed days a redundant currency? An evaluation of the first 10 years of an integrated model of care for mentally ill adolescents. *Clin Child Psychol Psychiatry* 2015;20:458-71. PMID: 24694901.
- (2) **Ahmad S, Harris T, Limb E**, Kerry S, Victor C, Ekelund U, Iliffe S, **Whincup P, Beighton C, Ussher M, Cook DG**. Evaluation of reliability and validity of the General Practice Physical Activity Questionnaire (GPPAQ) in 60-74 year old primary care patients. *BMC Family Practice* 2015;16:113. PMID: 26329981.
- (3) **Ahmad S, Kew KM, Normansell R**. Stopping long-acting beta2-agonists (LABA) for adults with asthma well controlled by LABA and inhaled corticosteroids. *Cochrane Database Syst Rev* 2015 Jun 19;6:CD011306. PMID: 26089258.
- (4) Alangari AA, **Riaz M**, Mahjoub MO, Malhis N, Al-Tamimi S, Al-Modaihsh A. The effect of sand storms on acute asthma in Riyadh, Saudi Arabia. *Ann Thorac Med* 2015;10:29-33. PMID: 25593604.
- (5) Anderson DE, **Kew KM**, Boyter AC. Long-acting muscarinic antagonists (LAMA) added to inhaled corticosteroids (ICS) versus the same dose of ICS alone for adults with asthma. *Cochrane Database Syst Rev* 2015 Aug 24;8:CD011397. PMID: 26301488.
- (6) Artigas MS, Wain LV, Miller S, ... **Strachan DP**, Hall IP, Tobin MD. Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. *Nat Commun* 2015;6 8658. PMID: 26635082.
- (7) Atkins JL, Ramsay SE, **Whincup PH**, Morris RW, Lennon LT, Wannamethee SG. Diet quality in older age: the influence of childhood and adult socio-economic circumstances. *Br J Nutr* 2015;113:1441-1452. PMID: 25827289.
- (8) **Atkinson RW, Carey IM**, Kent AJ, van Staa TP, **Anderson HR, Cook DG**. Long-term exposure to outdoor air pollution and the incidence of chronic obstructive pulmonary disease in a national English cohort. *Occup Environ Med* 2015;72:42-48. PMID: 25146191.
- (9) **Atkinson RW**, Mills IC, Walton HA, **Anderson HR**. Fine particle components and health--a systematic review and meta-analysis of epidemiological time series studies of daily mortality and hospital admissions. *J Expo Sci Environ Epidemiol* 2015;25:208-214. PMID: 25227730.
- (10) Bahia SS, Holt PJ, Ray KK, **Ussher M, Poloniecki JD**, Sharma R, Bown MJ, Hinchliffe RJ, Thompson MM, Karthikesalingam A. Cardiac rehabilitation versus standard care after aortic aneurysm repair (Aneurysm CaRe): study protocol for a randomised controlled trial. *Trials* 2015;16:162. PMID: 25873189.
- (11) Bamford B, Barras C, Sly R, Stiles-Shields C, Touyz S, Le Grange D, Hay P, Crosby R, **Lacey H**. Eating disorder symptoms and quality of life: Where should clinicians place their focus in severe and enduring anorexia nervosa? *Int J Eat Disord* 2015;48:133-8. PMID: 25049195.
- (12) **Barone-Adesi F, Dent JE**, Dajnak D, Beevers S, **Anderson HR**, Kelly FJ, **Cook DG, Whincup PH**. Long-Term Exposure to Primary Traffic Pollutants and Lung Function in Children: Cross-Sectional Study and Meta-Analysis. *PLoS One* 2015;10:e0142565. PMID: 26619227.
- (13) Barth J, Jacob T, Daha I, **Critchley JA**. Psychosocial interventions for smoking cessation in patients with coronary heart disease. *Cochrane Database Syst Rev* 2015 Jul 6;7:CD006886. PMID: 26148115.
- (14) Bartlett A, Jhanji E, **White S**, Harty MA, Scammell J, Allen S. Interventions with women offenders: a systematic review and meta-analysis of mental health gain. *J Forensic Psychiatry & Psychology* 2015;26 133-165. PMID: not listed in PubMed.
- (15) Bayley A, de Zoysa N, **Cook DG, Whincup PH**, Stahl D, Twist K, Ridge K, McCrone P, Treasure J, Ashworth M, Greenough A, Blythe C, Winkley K, Ismail K. Comparing the effectiveness of an enhanced MOtiVational intErviewing InTervention (MOVE IT) with usual

- care for reducing cardiovascular risk in high risk subjects: study protocol for a randomised controlled trial. *Trials* 2015;16:112. PMID: 25886569.
- (16) **Beighton C**, Victor C, **Normansell R**, **Cook D**, Kerry S, Iliffe S, **Ussher M**, **Whincup P**, Fox-Rushby J, Woodcock A, **Harris T**. "It's not just about walking.....it's the practice nurse that makes it work": a qualitative exploration of the views of practice nurses delivering complex physical activity interventions in primary care. *BMC Public Health* 2015;15:1236. PMID: 26654223.
- (17) Boesecke C, **Grint D**, Soriano V, Lundgren JD, d'Arminio Monforte A, Mitsura VM, Chentsova N, Hadziosmanovic V, Kirk O, Mocroft A, Peters L, Rockstroh JK, EuroSIDA in EuroCoord. Hepatitis C seroconversions in HIV infection across Europe: which regions and patient groups are affected? *Liver Int* 2015;35:2384-91. PMID: 25875966.
- (18) Braithwaite I, Stewart AW, Hancox RJ, Beasley R, Murphy R, Mitchell EA; ISAAC Phase Three Study Group (includes **Anderson HR**, **Strachan DP**). Maternal post-natal tobacco use and current parental tobacco use is associated with higher body mass index in children and adolescents: an international cross-sectional study. *BMC Pediatr* 2015;15:220. PMID: 26699863.
- (19) **Cates C**, **Karner C**. Clinical importance cannot be ruled out using mean difference alone. *Br Med J* 2015;351:h5496. PMID: 26588935.
- (20) Chan Y, Salem RM, Hsu YH, McMahon G, Pers TH, Vedantam S, Esko T, Guo MH, Lim ET; GIANT Consortium, Franke L, Smith GD, **Strachan DP**, Hirschhorn JN. Genome-wide Analysis of Body Proportion Classifies Height-Associated Variants by Mechanism of Action and Implicates Genes Important for Skeletal Development. *Am J Hum Genet* 2015;96:695-708. PMID: 25865494.
- (21) Chiappini S, **Claridge H**, Corkery JM, **Goodair C**, Loi B, Schifano F. Methoxetamine-related deaths in the UK: an overview. *Hum Psychopharmacol* 2015;30:244-8. PMID: 26216557.
- (22) Connor MJ, Springford LR, **Kapetanakis VV**, Giuliani S. Esophageal atresia and transitional care-step 1: a systematic review and meta-analysis of the literature to define the prevalence of chronic long-term problems. *Am J Surg* 2015;209:747-5. PMID: 25605033.
- (23) Cooper PJ, Chico ME, Platts-Mills TA, Rodrigues LC, **Strachan DP**, Barreto ML. Cohort Profile: The Ecuador Life (ECUAVIDA) study in Esmeraldas Province, Ecuador. *Int J Epidemiol* 2015;44:1517-27. PMID: 24990475
- (24) Cooper S, Foster K, Naughton F, Leonardi-Bee J, Sutton S, **Ussher M**, Leighton M, Montgomery A, Parrott S, Coleman T. (2015) Pilot study to evaluate a tailored text message intervention for pregnant smokers (MiQuit): study protocol for a randomised controlled trial. *Trials* 2015;16:29. PMID: 25622639.
- (25) Corkery JM, Loi B, **Claridge H**, **Goodair C**, Corazza O, Elliott S, Schifano F. Gamma hydroxybutyrate (GHB), gamma butyrolactone (GBL) and 1, 4-butanediol (1,4-BD; BDO): A literature review with a focus on UK fatalities related to non-medical use. *Neurosci Biobehav Rev* 2015;53:52-78. PMID: 2584378.
- (26) **Critchley J**, Zaman S, Maziak W. MedCHAMPS: Mediterranean studies of cardiovascular disease and hyperglycaemia: analytical modelling of population socio-economic transitions. *Int J Public Health* 2015;60 [Suppl 1]:S1-2. PMID: 25398319.
- (27) Danaei G, Fahimi S, Lu Y, ...**Whincup PH**, ... Zheng Y; NCD Risk Factor Collaboration (NCD-RisC). Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331288 participants. *Lancet Diabetes Endocrinol* 2015;3:624-37. PMID: 26109024.
- (28) Eastwood SV, Tillin T, Dehbi HM, Wright A, Forouhi NG, Godsland I, **Whincup P**, Sattar N, Hughes AD, Chaturvedi N. Ethnic differences in associations between fat deposition and incident diabetes and underlying mechanisms: the SABRE study. *Obesity (Silver Spring)* 2015;23:699-706. PMID: 25645144.
- (29) Ejemot-Nwadiaro RI, Ehiri JE, Arikpo D, Meremikwu MM, **Critchley JA**. Hand washing promotion for preventing diarrhoea. *Cochrane Database Syst Rev* 2015 Sep 3;9:CD004265. PMID: 26346329.

- (30) Eriksen A, Tillin T, O'Connor L, Brage S, Hughes A, Mayet J, McKeigue P, **Whincup P**, Chaturvedi N, Forouhi NG. The impact of health behaviours on incident cardiovascular disease in Europeans and South Asians--a prospective analysis in the UK SABRE study. *PLoS One* 2015;10:e0117364. PMID: 25730129.
- (31) Evans DJ, **Kew KM**, Anderson DE, Boyter AC. Long-acting muscarinic antagonists (LAMA) added to inhaled corticosteroids (ICS) versus higher dose ICS for adults with asthma. *Cochrane Database Syst Rev* 2015 Jul 21;7:CD011437. PMID: 26196545.
- (32) Fall T, Hägg S, Ploner A, Mägi R, Fischer K, ... **Strachan DP**, ... Ingelsson E; on behalf of the ENGAGE Consortium. Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. *Diabetes* 2015;64:1841-52. PMID: 25712996.
- (33) Farne HA, **Cates CJ**. Long-acting beta2-agonist in addition to tiotropium versus either tiotropium or long-acting beta2-agonist alone for chronic obstructive pulmonary disease. *Cochrane Database Syst Rev* 2015 Oct 22;10:CD008989. PMID: 26490945.
- (34) Forouzanfar MH, Alexander L, **Anderson HR**, ...; GBD 2013 Risk Factors Collaborators. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015;386:2287-323. PMID: 26364544.
- (35) Fraz MM, Welikala RA, **Rudnicka AR**, **Owen CG**, **Strachan DP**, Barman SA. QUARTZ: Quantitative Analysis of Retinal Vessel Topology and size - An automated system for quantification of retinal vessels morphology. *Expert Systems With Applications* 2015;42:7221-34. doi:10.1016/j.eswa.2015.05.022. PMID: not listed in PubMed.
- (36) Geake JB, Dabscheck EJ, Wood-Baker R, **Cates CJ**. Indacaterol, a once-daily beta2-agonist, versus twice-daily beta2-agonists or placebo for chronic obstructive pulmonary disease. *Cochrane Database Syst Rev* 2015 Jan 10;1:CD010139. PMID: 25575340.
- (37) Ghandour R, Shoaibi A, Khatib R, ... Capewell S, **Critchley J**, Hussein A. Priority setting for the prevention and control of cardiovascular diseases: multi-criteria decision analysis in four eastern Mediterranean countries. *Int J Public Health* 2015;60 [Suppl 1]:S73-81. PMID: 24879318.
- (38) Gharib SA, Loth DW, Soler Artigas M, ... **Strachan DP**, ...Tobin MD, London SJ; CHARGE Consortium; SpiroMeta Consortium. Integrative pathway genomics of lung function and airflow obstruction. *Hum Mol Genet* 2015;24:6836-48. PMID: 26395457.
- (39) **Gillard S**. The re-distribution of mental health care: Good, bad or just a bit ugly? *J Ment Health* 2015;24:339-41. PMID: 26444917.
- (40) **Gillard S**, **Gibson SL**, **Holley J**, Lucock M. Developing a change model for peer worker interventions in mental health services: a qualitative research study. *Epidemiol Psychiatr Sci* 2015;24:435-45. PMID: 24992284.
- (41) **Gillard S**, **Holley J**, **Gibson S**, Larsen J, Lucock M, Oborn E, Rinaldi M, Stamou E. Introducing new peer worker roles into mental health services in England: Comparative case study research across a range of organisational contexts. *Adm Policy Ment Health* 2015;42:682-94. PMID: 25331447.
- (42) **Gillard S**, **Turner K**, Neffgen M. Understanding recovery in the context of lived experience of personality disorders: a collaborative, qualitative research study. *BMC Psychiatry* 2015;15:183. PMID: 26227023.
- (43) **Gillard S**, White R, Miller S, **Turner K**. Open access support groups for people experiencing personality disorders: do group members' experiences reflect the theoretical foundations of the SUN project? *Psychol Psychother* 2015;88:87-104. PMID: 24872313.
- (44) **Grint D**, Peters L, Rockstroh JK, Rakmanova A, Trofimova T, Lacombe K, Karpov I, Galli M, Domingo P, Kirk O, Lundgren JD, Mocroft A, EuroSIDA in EuroCoord. Liver-related death among HIV/hepatitis C virus-co-infected individuals: implications for the era of directly acting antivirals. *AIDS* 2015;29:1205-15. PMID: 25870984.

- (45) Guirguis A, Corkery JM, Stair JL, Kirton S, Zloh M, **Goodair CM**, Schifano F, Davidson C. Survey of knowledge of legal highs (novel psychoactive substances) amongst London pharmacists. *Drugs and Alcohol Today* 2015;15:93-99. PMID: Not listed in PubMed.
- (46) Hägg S, Fall T, Ploner A, Mägi R, Fischer K, ... **Strachan DP**, ... Ingelsson E; European Network for Genetic and Genomic Epidemiology (ENGAGE) consortium. Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. *Int J Epidemiol* 2015;44:578-86. PMID: 26016847.
- (47) Hägg S, Ganna A, Van Der Laan SW, ... **Strachan DP**, Speliotes EK, North KE, Loos RJ, Hirschhorn JN, Pawitan Y, Ingelsson E. Gene-based meta-analysis of genome-wide association studies implicates new loci involved in obesity. *Hum Mol Genet* 2015;24:6849-60.
- (48) Halonen JI, Hansell AL, Gulliver J, Morley D, Blangiardo M, Fecht D, Toledano MB, Beevers SD, **Anderson HR**, Kelly FJ, Tonne C. Road traffic noise is associated with increased cardiovascular morbidity and mortality and all-cause mortality in London. *Eur Heart J* 2015;36:2653-61. PMID: 26104392.
- (49) Hancox RJ, Stewart AW, Braithwaite I, Beasley R, Murphy R, Mitchell EA. ISAAC Phase Three Study Group (includes **Anderson HR**, **Strachan DP**). Association between breastfeeding and body mass index at age 6-7 years in an international survey. *Pediatr Obes* 2015;10:283-7. PMID: 25291239.
- (50) **Harris T**, Kerry S, Victor CR, Ekelund U, Woodcock A, Iliffe S, **Whincup PH**, **Beighton C**, **Ussher M**, **Limb ES**, David L, Brewin D, Adams A, Rogers A, **Cook DG**. A primary care nurse-delivered walking intervention in older adults: PACE (Pedometer Accelerometer Consultation Evaluation)-Lift cluster randomised controlled trial. *PLoS Med* 2015;12:e1001783. PMID: 25689364.
- (51) Henschell S, Le Tertre A, **Atkinson RW**, ... Goodman PG. Trends of ambient air nitrogen oxides in nine European cities between 1999 and 2010. *Atmos Environ* 2015;117:234-41. doi:10.1016/j.atmosenv.2015.07.013. PMID: Not listed in PubMed.
- (52) Héroux M-E, **Anderson HR**, **Atkinson R**, ... Walton H. Quantifying the health impacts of ambient air pollutants: recommendations of a WHO/Europe project. *Int J Public Health* 2015;60:619-27. PMID 26024815.
- (53) Holland J, **Oakeshott P**. Chlamydia testing in male further education college students. *Sex Transm Infect* 2015;91:496. PMID: 26487775.
- (54) **Holley J**, **Gillard S**, **Gibson S**. Peer worker roles and risk in mental health services: a comparative, qualitative case study. *Community Ment Health J* 2015; 51:477-90. PMID: 25690153.
- (55) Hughes J, Kabir Z, Bennett K, Hotchkiss JW, Kee F, Leyland AH, Davies C, Bandosz P, Guzman-Castillo M, O'Flaherty M, Capewell S, **Critchley J**. Modelling Future Coronary Heart Disease Mortality to 2030 in the British Isles. *PLoS One* 2015;10:e0138044. PMID: 26422012.
- (56) Jefferis BJ, Merom D, Sartini C, Wannamethee SG, Ash S, Lennon LT, Iliffe S, Kendrick D, **Whincup PH**. Physical Activity and Falls in Older Men: The Critical Role of Mobility Limitations. *Med Sci Sports Exerc* 2015;47:2119-28. PMID: 25668406.
- (57) Jefferis BJ, Sartini C, Ash S, Lennon LT, Wannamethee SG, Lee IM, **Whincup PH**. Trajectories of Objectively Measured Physical Activity in Free-Living Older Men. *Med Sci Sports Exerc* 2015;47:343-9. PMID: 24988411.
- (58) Jefferis BJ, Sartini C, Shiroma E, **Whincup PH**, Wannamethee SG, Lee IM. Duration and breaks in sedentary behaviour: accelerometer data from 1566 community-dwelling older men (British Regional Heart Study). *Br J Sports Med* 2015;49:1591-4. PMID: 25232029.
- (59) Joshi PK, Esko T, Mattsson H, Eklund N, Gandin I, ....., **Strachan DP**, Campbell H, Hirschhorn JN, Perola M, Polašek O, Wilson JF. Directional dominance on stature and cognition in diverse human populations. *Nature* 2015;523:459-62. PMID: 26131930.
- (60) **Kapetanakis V**, **Rudnicka AR**, Liew G, **Owen CG**, Lee A, Louw V, Bolter L, Anderson J, Egan C, Salas-Vega S, Rudisill C, Taylor P, and Tufail A. A study of whether automated



- Diabetic Retinopathy Image Assessment could replace manual grading steps in the English National Screening Programme. *J Med Screen* 2015;22:112-8. PMID: 25742804.
- (61) Karthikesalingam A, Attallah O, Ma X, Bahia SS, Thompson L, **Vidal-Diez A**, Choke EC, Bown MJ, Sayers RD, Thompson MM, Holt PJ. An Artificial Neural Network Stratifies the Risks of Reintervention and Mortality after Endovascular Aneurysm Repair; a Retrospective Observational study. *PLoS One* 2015;10:e0129024. PMID: 26176943.
- (62) Karthikesalingam A, **Vidal-Diez A**, Holt PJE, Hinchliffe RJ, Thompson MM. International Validation of a Risk Score for Complications and Re-interventions after Endovascular Aneurysm Repair (EVAR): An Evidence Base for Endograft Surveillance. *Br J Surg* 2015;102:509-15. PMID: 25692881.
- (63) Kaye GC, Linker NJ, Marwick TH, Pollock L, Graham L, Pouliot E, **Poloniecki J**. Protect-Pace trial investigators. Effect of right ventricular pacing lead site on left ventricular function in patients with high-grade atrioventricular block: results of the Protect-Pace study. *Eur Heart J* 2015;36:856-62. PMID: 25189602.
- (64) **Kew KM**, Beggs S, **Ahmad S**. Stopping long-acting beta2-agonists (LABA) for children with asthma well controlled on LABA and inhaled corticosteroids. *Cochrane Database Syst Rev* 2015 May 21;5:CD011316. PMID: 25997166.
- (65) **Kew KM**, Evans DJ, Allison DE, Boyter AC. Long-acting muscarinic antagonists (LAMA) added to inhaled corticosteroids (ICS) versus addition of long-acting beta2-agonists (LABA) for adults with asthma. *Cochrane Database Syst Rev* 2015 Jun 2;6:CD011438. PMID: 26031392.
- (66) **Kew KM**, Undela K, Kotortsi I, Ferrara G. Macrolides for chronic asthma. *Cochrane Database Syst Rev* 2015 Sep 15;9:CD002997. PMID: 26371536.
- (67) Killaspy H, Marston L, Green N, **Harrison I**, Lean M, Cook S, Mundy T, Craig T, Holloway F, Leavey G, Koeser L, McCrone P, Arbutnott M, Omar RZ, King M. Clinical effectiveness of a staff training intervention in mental health inpatient rehabilitation units designed to increase patients' engagement in activities (the Rehabilitation Effectiveness for Activities for Life [REAL] study): single-blind, cluster. *Lancet Psychiatry* 2015;2:38-48. PMID: 26359611.
- (68) Kim C, Gao YT, Xiang YB, **Barone-Adesi F**, Zhang Y, Hosgood HD, Ma S, Shu XO, Ji BT, Chow WH, Seow WJ, Bassig B, Cai Q, Zheng W, Rothman N, Lan Q. Home kitchen ventilation, cooking fuels, and lung cancer risk in a prospective cohort of never smoking women in Shanghai, China. *Int J Cancer* 2015;136:632-8. PMID: 24917360.
- (69) Kreiner-Møller E, **Strachan DP**, Linneberg A, Husemoen LL, Bisgaard H, Bønnelykke K. 17q21 gene variation is not associated with asthma or susceptibility to smoking in adult populations. *Allergy* 2015;70:107-14. PMID: 25331618.
- (70) Lean M, Leavey G, Killaspy H, Green N, **Harrison I**, Cook S, Craig T, Holloway F, Arbutnott M, King M. Barriers to the sustainability of an intervention designed to improve patient engagement within NHS mental health rehabilitation units: a qualitative study nested within a randomised controlled trial. *BMC Psychiatry* 2015;15:209. PMID: 26328771.
- (71) Lennon LT, Ramsay SE, Papacosta O, Shaper AG, Wannamethee SG, **Whincup PH**. Cohort Profile Update: The British Regional Heart Study 1978-2014: 35 years follow-up of cardiovascular disease and ageing. *Int J Epidemiol* 2015;44:826-826g. PMID: 26232420.
- (72) Linke S, **Ussher M**. Exercise-based Treatments for Substance Use Disorders: Evidence, Theory, and Practicality. *Am J Drug Alcohol Abuse* 2015;41:7-15. PMID: 25397661.
- (73) Linneberg A, Jacobsen RK, Skaaby T, ... **Whincup PH**, ..., Jarvelin MR, Husemoen LL. Effect of Smoking on Blood Pressure and Resting Heart Rate: A Mendelian Randomization Meta-Analysis in the CARTA Consortium. *Circ Cardiovasc Genet* 2015;8:832-41. PMID: 26538566.
- (74) Lloyd-Evans B, **Sweeney A**, Hinton M, Morant N, Pilling S, Leibowitz J, Killaspy H, Tanskanen S, Totman J, Armstrong J, Johnson S. Evaluation of a community awareness programme to reduce delays in referrals to early intervention services and enhance early detection of psychosis. *BMC Psychiatry* 2015;15:98. PMID: 25934413.

- (75) Locke AE, Kahali B, Berndt SI, ... **Strachan DP**, ...Loos RJ, Speliotes EK. Genetic studies of body mass index yield new insights for obesity biology. *Nature* 2015;518:197-206. PMID: 25673413.
- (76) Loi B, Corkery JM, **Claridge H**, **Goodair C**, Chiappini S, Gimeno Clemente C, Schifano F. Deaths of individuals aged 16-24 years in the UK after using mephedrone. *Hum Psychopharmacol* 2015;30:225-32. PMID: 26216555.
- (77) Malik R, Freilinger T, Winsvold BS, ... **International Headache Genetics Consortium (includes Strachan DP)**, Dichgans M; METASTROKE Collaboration of the International Stroke Genetics Consortium. Shared genetic basis for migraine and ischemic stroke: A genome-wide analysis of common variants. *Neurology* 2015;84:2132-45. PMID: 25934857.
- (78) **Mantovani N**, Dowling S, Hollins S. Moral Tales of the Teenage Parent: Narratives of Change, Personal Transformation and Growth, *INTAMS Review* 2015;21:170-184. doi: 10.2143/int.21.2.0000000 PMID: Not listed in PubMed.
- (79) **Mantovani N**, Thomas H. Resilience and Survival: Black Teenage Mothers "Looked After" by the State Tell their Stories About their Experience of Care. *Children & Society* 2015;29:299-309. doi: 10.1111/chso.12028. PMID: Not listed in PubMed.
- (80) Marenholz I, Esparza-Gordillo J, Rüschenhoff F, Bauerfeind A, **Strachan DP**, ... Lee YA. Meta-analysis identifies seven susceptibility loci involved in the atopic march. *Nat Commun* 2015;6:8804. PMID: 26542096.
- (81) Mason M, **Cates CJ**, Smith I. Effects of opioid, hypnotic and sedating medications on sleep-disordered breathing in adults with obstructive sleep apnoea. *Cochrane Database Syst Rev* 2015 Jul 14;7:CD011090. PMID: 26171909.
- (82) McGee CE, Trigwell J, Fairclough SJ, Murphy RC, Porcellato L, **Ussher M**, Fowweather L. The influence of family and friend smoking on intentions to smoke and smoking-related attitudes and refusal self-efficacy among 9-10 year old children from deprived neighbourhoods: a cross-sectional study. *BMC Public Health* 2015;15:225. PMID: 25885000.
- (83) **Mezey G**, Durkin C, Dodge L, **White S**. Never ever? Characteristics, outcomes and motivations of patients who abscond or escape: A 5-year review of escapes and absconds from two medium and low secure forensic units. *Crim Behav Ment Health* 2015;25:440-50. PMID: 26464338.
- (84) **Mezey G**, Durkin C, Krljes S. Finding a voice - the feasibility and impact of setting up a community choir in a forensic secure setting. *Journal of Forensic Psychiatry & Psychology* 2015;26:781-7. doi: 10.1080/14789949.2015.1069881. PMID: Not listed in PubMed.
- (85) **Mezey G**, Meyer D, Robinson F, Bonell C, Campbell R, **Gillard S**, Jordan P, **Mantovani N**, Wellings K, **White S**. Developing and piloting a peer mentoring intervention to reduce teenage pregnancy in looked-after children and care leavers: an exploratory randomised controlled trial. *Health Technol Assess* 2015;19:1-509,v-vi. PMID: 26497730.
- (86) **Mezey G**, Robinson F, Campbell R, **Gillard S**, Macdonald G, Meyer D, Bonell C, **White S**. Challenges to undertaking randomised trials with looked after children in social care settings. *Trials* 2015;16:206. PMID: 25947202.
- (87) **Mills IC**, **Atkinson RW**, Kang S, Walton H, **Anderson HR**. Quantitative systematic review of the associations between short-term exposure to nitrogen dioxide and mortality and hospital admissions. *BMJ Open* 2015;5:e006946. PMID: 25967992.
- (88) Morris RW, Taylor AE, Fluharty ME, ... **Whincup PH**, ... Sattar N. Heavier smoking may lead to a relative increase in waist circumference: evidence for a causal relationship from a Mendelian randomisation meta-analysis. The CARTA consortium. *BMJ Open* 2015;5:e008808. PMID: 26264275.
- (89) Murphy R, Stewart AW, Braithwaite I, Beasley R, Hancox RJ, Mitchell EA; ISAAC Phase Three Study Group (includes **Anderson HR**, **Strachan DP**). Association between paracetamol use in infancy or childhood with body mass index. *Obesity (Silver Spring)* 2015;23:1030-8. PMID: 25864407.

- (90) Murray CJ, Barber RM, Foreman KJ..., **Anderson HR**, ... GBD2D Collaborators, HALE Collaborators. Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. *Lancet* 2015;386:2145-2191. PMID: 26321261.
- (91) **Murray ET**, Hardy R, Hughes A, Wills A, Sattar N, Deanfield J, Kuh D, **Whincup P**. Overweight across the life course and adipokines, inflammatory and endothelial markers at age 60-64 years: evidence from the 1946 birth cohort. *Int J Obes (Lond)* 2015;39:1010-1018. PMID: 25676237.
- (92) Naghavi M, Wang H, Lozano R, ... **Anderson HR**, ... GBDM2CD Collaboration. Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015;385:117-171. PMID: 25530442.
- (93) Naidu S, Bolton J, **Smith J**. London's liaison psychiatry services: survey of service provision. *B J Psych Bull* 2015;39:65-9. PMID: 26191435.
- (94) Newton JN, Briggs AD, Murray CJ, ... **Anderson HR**, ... Davis AC. Changes in health in England, with analysis by English regions and areas of deprivation, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015;386:2257-7. PMID: 26382241.
- (95) **Nightingale CM, Rudnicka AR, Owen CG**, Newton SL, Bales JL, **Donin AS, McKay CM, Steer PJ, Lawlor DA, Sattar N, Cook DG, Whincup PH**. Birthweight and risk markers for type 2 diabetes and cardiovascular disease in childhood: the Child Heart and Health Study in England (CHASE). *Diabetologia* 2015;58:474-484. PMID: 25520157.
- (96) Noblett JE, Lawrence R, **Smith JG**. The attitudes of general hospital doctors toward patients with comorbid mental illness. *Int J Psychiatry Med* 2015;50:370-82. PMID: 26503503.
- (97) **Normansell R, Kew KM**, Bridgman AL. Sublingual immunotherapy for asthma. *Cochrane Database Syst Rev* 2015;8:CD011293. PMID: 26315994.
- (98) Nwaru BI, Mukherjee M, **Gupta RP**, ..., **Strachan D**, Davies GA, McKinsty B, Sheikh A. Challenges of harmonising data from UK national health surveys: a case study of attempts to estimate the UK prevalence of asthma. *J R Soc Med* 2015;108:433-9. PMID: 26432811.
- (99) Nyholt DR; for the International Headache Genetics Consortium, ... **Strachan DP**, ..., Palotie A. Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. *Cephalalgia* 2015;35:489-99. PMID: 25179292.
- (100) Obeidat M, Hao K, Bossé Y, ..., **Strachan DP**, Sin DD, Tobin MD, London SJ, Hall IP, Paré PD. Molecular mechanisms underlying variations in lung function: a systems genetics analysis. *Lancet Respir Med* 2015;3:782-95. PMID: 26404118.
- (101) O'Brien A, Ashby GA, **White S**, Crame J. What do general psychiatrists do? A question posed to medical students and the general population. *J Ment Health* 2015;24:126-8. PMID: 25525965.
- (102) O'Donoghue L, **Kapetanankis VV**, McClelland JF, Logan NS, **Owen CG**, Saunders KJ, **Rudnicka AR**. Risk Factors for Childhood Myopia: Findings from the NICER Study. *Invest Ophthalmol Vis Sci* 2015;56:1524-30. PMID: 25655799.
- (103) **Owen CG, Kapetanakis VV, Rudnicka AR, Wathern AK**, Lennon L, Papacosta O, **Cook DG**, Wannamethee SG, **Whincup PH**. Body mass index in early and middle adult life: prospective associations with myocardial infarction, stroke and diabetes over a 30-year period: the British Regional Heart Study. *BMJ Open* 2015;5:e008105. PMID: 26373398.
- (104) Ozdemir BA, Karthikesalingam A, Sinha S, **Poloniecki JD**, Hinchliffe RJ, Thompson MM, Gower JD, Boaz A, Holt PJ. Research activity and the association with mortality. *PLoS One* 2015;10:e0118253. PMID: 25719608.
- (105) Ozdemir BA, Karthikesalingam A, Sinha S, **Poloniecki JD, Vidal-Diez A**, Hinchliffe RJ, Thompson MM, Holt PJ. Association of hospital structures with mortality from ruptured abdominal aortic aneurysm. *Br J Surg* 2015;102:516-24. PMID: 25703735.

- (106) Papachristou E, Ramsay SE, Lennon LT, Papacosta O, Iliffe S, **Whincup PH**, Wannamethee SG. The relationships between body composition characteristics and cognitive functioning in a population-based sample of older British men. *BMC Geriatr* 2015;15:172. PMID: 26692280.
- (107) Paternoster L, Standl M, Waage J, Baurecht H, Hotze M, **Strachan DP**, ... Evans DM, Weidinger S. Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. *Nature Genetics* 2015;47:1449-56. PMID: 26482879.
- (108) Pearson-Stuttard J, **Critchley J**, Capewell S, O'Flaherty M. Quantifying the Socio-Economic Benefits of Reducing Industrial Dietary Trans Fats: Modelling Study. *PLoS One* 2015;10:e0132524. PMID: 26247848.
- (109) Pirani M, Best N, Blangiardo M, Liverani S, **Atkinson RW**, Fuller GW. Analysing the health effects of simultaneous exposure to physical and chemical properties of airborne particles. *Environ Int* 2015;79:56-64. PMID: 25795926.
- (110) **Perkin MR**, Bader T, **Rudnicka AR**, **Strachan DP**, **Owen CG**. Inter-Relationship between Rhinitis and Conjunctivitis in Allergic Rhinoconjunctivitis and Associated Risk Factors in Rural UK Children. *PLoS One* 2015;10:e0143651. PMID: 26600465.
- (111) Pers TH, Karjalainen JM, Chan Y, Westra HJ, Wood AR, Yang J, Lui JC, Vedantam S, Gustafsson S, Esko T, Frayling T, Speliotes EK; Genetic Investigation of ANthropometric Traits (GIANT) Consortium (includes **Strachan DP**), Boehnke M, Raychaudhuri S, Fehrmann RS, Hirschhorn JN, Franke L. Biological interpretation of genome-wide association studies using predicted gene functions. *Nat Commun* 2015;6:5890. PMID: 25597830.
- (112) Ramsay SE, Morris RW, **Whincup PH**, Subramanian SV, Papacosta AO, Lennon LT, Wannamethee SG. The influence of neighbourhood-level socioeconomic deprivation on cardiovascular disease mortality in older age: longitudinal multilevel analyses from a cohort of older British men. *J Epidemiol Community Health* 2015;69:1224-31. PMID: 26285580.
- (113) Podlekareva D, **Grint D**, Karpov I, Rakmanova A, Mansinho K, Chentsova N, Zeltina I, Losso M, Parczewski M, Lundgren JD, Mocroft A, Kirk O, EuroSIDA in EuroCoord. Changing utilization of Stavudine (d4T) in HIV-positive people in 2006-2013 in the EuroSIDA study. *HIV Med* 2015;16:533-43. PMID: 25988795.
- (114) Poole P, Chong J, **Cates CJ**. Mucolytic agents versus placebo for chronic bronchitis or chronic obstructive pulmonary disease. *Cochrane Database Syst Rev* 2015 Jul 29;7:CD001287. PMID: 26222376.
- (115) Rahmioglu N, Macgregor S, Drong AW, ... The International Endogene Consortium; The GIANT Consortium (includes **Strachan DP**). Genome-wide enrichment analysis between endometriosis and obesity-related traits reveals novel susceptibility loci. *Hum Mol Genet* 2015;24:1185-99. PMID: 25296917.
- (116) Ramsay SE, Arianayagam DS, **Whincup PH**, Lennon LT, Cryer J, Papacosta AO, Iliffe S, Wannamethee SG. Cardiovascular risk profile and frailty in a population-based study of older British men. *Heart* 2015;101:616-22. PMID: 25480883.
- (117) Rodopoulou S, Samoli E, Analitis A, **Atkinson RW**, de'Donato FK, Katsouyanni K. Searching for the best modeling specification for assessing the effects of temperature and humidity on health: a time series analysis in three European cities. *Int J Biometeorol* 2015;59:1585-96. PMID: 25638489.
- (118) Rubbo B, Fitzpatrick NK, Denaxas S, Daskalopoulou M, Yu N, Patel RS. UK Biobank Follow-up and Outcomes Working Group (includes **Strachan DP**), Hemingway H. Use of electronic health records to ascertain, validate and phenotype acute myocardial infarction: A systematic review and recommendations. *Int J Cardiol* 2015;187:705-11. PMID: 25966015.
- (119) **Rudnicka AR**, **Kapetanakis VV**, Jarrar Z, **Wathern AK**, Wormald R, Fletcher AE, **Cook DG**, **Owen CG**. Incidence of Late-Stage Age-Related Macular Degeneration in American Whites: Systematic Review and Meta-analysis. *Am J Ophthalmol* 2015;160:85-93. PMID: 25857680.
- (120) Saidi O, O'Flaherty M, Mansour NB, Aissi W, Lassoued O, Capewell S, **Critchley JA**, Malouche D, Romdhane HB; EC FP7 funded MEDCHAMPS project. Forecasting Tunisian

- type 2 diabetes prevalence to 2027: validation of a simple model. *BMC Public Health* 2015;15:104. PMID: 25885910.
- (121) Sartini C, Wannamethee SG, Iliffe S, Morris RW, Ash S, Lennon L, **Whincup PH**, Jefferis BJ. Diurnal patterns of objectively measured physical activity and sedentary behaviour in older men. *BMC Public Health* 2015;15:609. PMID: 26141209.
- (122) Shungin D, Winkler TW, Croteau-Chonka DC, ... **Strachan DP**, ... Mohlke KL. New genetic loci link adipose and insulin biology to body fat distribution. *Nature* 2015;518:187-96. PMID: 25673412.
- (123) Simmonds M, Burch J, Llewellyn A, Griffiths C, Yang H, **Owen C**, Duffy S, Woolacott N. The use of measures of obesity in childhood for predicting obesity and the development of obesity-related diseases in adulthood: a systematic review and meta-analysis. *Health Technol Assess* 2015;19:1-336. PMID: 26108433.
- (124) Sözmen K, Unal B, Capewell S, **Critchley J**, O'Flaherty M. Estimating diabetes prevalence in Turkey in 2025 with and without possible interventions to reduce obesity and smoking prevalence, using a modelling approach. *Int J Public Health* 2015;60 [Suppl 1]:S13-21. PMID: 25471076.
- (125) Sözmen K, Ünal B, Saidi O, Ben Romdhane H, Abu-Rmeileh NM, Hussein A, Fouad F, Maziak W, Bennett K, O'Flaherty M, Capewell S, **Critchley J**. Cardiovascular risk factor trends in the Eastern Mediterranean region: evidence from four countries is alarming. *Int J Public Health* 2015;60 [Suppl 1]:S3-11. PMID: 25280526.
- (126) **Strachan DP**, Ait-Khaled N, Foliaki S, Mallol J, Odhiambo J, Pearce N, Williams HC; The ISAAC Phase Three Study Group (includes **Anderson HR**). Siblings, asthma, rhinoconjunctivitis and eczema: a worldwide perspective from the International Study of Asthma and Allergies in Childhood. *Clin Exp Allergy* 2015;45:126-36. PMID: 24912652.
- (127) **Sweeney S**, **Gillard S**, Rose D, Wykes T. The role of fear in mental health service users' experiences: a qualitative exploration. *Social Psychiatry & Psychiatric Epidemiology* 2015;50:1079-87. PMID: 25702165.
- (128) Swerdlow DI, Preiss D, Kuchenbaecker KB, ..., **Whincup PH**, ..., Hingorani AD, Sattar N. HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. *Lancet* 2015;385:351-61. PMID: 25262344.
- (129) Thompson TP, Greaves CJ, Ayres R, Aveyard P, Warren FC, Byng R, Taylor RS, Campbell JL, **Ussher M**, Michie S, West R, Taylor AH. Lessons learned from recruiting socioeconomically disadvantaged smokers into a pilot randomized controlled trial to explore the role of Exercise Assisted Reduction then Stop (EARS) smoking. *Trials* 2015;16:1. PMID: 25971836.
- (130) Trigwell J, McGee CE, Murphy RC, Porcellato LA, **Ussher M**, Garnham-Lee K, Knowles ZR, Fowweather L. Process evaluation of a sport-for-health intervention to prevent smoking amongst primary school children: SmokeFree Sports. *BMC Public Health* 2015;15:347. PMID: 25886027.
- (131) Umasunthar T, Procktor A, Hodes M, **Smith JG**, Gore C, Cox HE, Marrs T, Hanna H, Phillips K, Pinto C, Turner PJ, Warner JO, Boyle RJ. Patients' ability to treat anaphylaxis using Adrenaline Auto-injectors: a randomised controlled trial. *Allergy* 2015;70:855-63. PMID: 25850463.
- (132) **Ussher M**, Lewis S, Aveyard P, Manyonda I, West R, Lewis B, Marcus B, **Riaz M**, Taylor A, Daley A, Coleman T. Physical activity for smoking cessation in pregnancy: randomised controlled trial. *Br Med J* 2015;350:h2145. PMID: 25976288.
- (133) Ussher M, Lewis S, Aveyard P, Manyonda I, West R, Lewis B, Marcus B, Riaz M, Taylor AH, Barton P, Daley A, Essex H, Esliger D, Coleman T. The London Exercise And Pregnant smokers (LEAP) trial: a randomised controlled trial of physical activity for smoking cessation in pregnancy with an economic evaluation. *Health Technol Assess* 2015;19:vii-xxiv,1-135. PMID: 26491878.
- (134) Vos T, Barber RM, Bell B, ... **Anderson HR**, ... Murray CJL; GBD Study 2013 Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 301

- acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015;386:743-800. PMID: 26063472.
- (135) Wade KH, Forouhi NG, **Cook DG**, Johnson P, McConnachie A, Morris RW, Rodriguez S, Ye Z, Ebrahim S, Padmanabhan S, Watt G, Bruckdorfer KR, Wareham NJ, **Whincup PH**, Chanock S, Sattar N, Lawlor DA, Davey Smith G, Timpson NJ. Variation in the SLC23A1 gene does not influence cardiometabolic outcomes to the extent expected given its association with L-ascorbic acid. *Am J Clin Nutr* 2015;101:202-9. PMID: 25527764.
- (136) Wain LV, Shrine N, Miller S, ..., **Strachan DP**, Tobin MD, Hall IP. Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. *Lancet Respir Med* 2015;3:769-81. PMID: 26423011
- (137) Walter K, Min JL, Huang J, ... UK10K consortium (includes **Whincup P**). The UK10K project identifies rare variants in health and disease. *Nature* 2015;526:82-90. PMID: 26367797.
- (138) Wannamethee SG, Welsh P, Papacosta O, Lennon L, **Whincup PH**, Sattar N. Copeptin, Insulin Resistance, and Risk of Incident Diabetes in Older Men. *J Clin Endocrinol Metab* 2015;100:3332-9. PMID: 26158609.
- (139) Wannamethee SG, **Whincup PH**, Lennon L, Papacosta O, Shaper AG. Alcohol consumption and risk of incident heart failure in older men: a prospective cohort study. *Open Heart* 2015;2:e000266. PMID: 26290689.
- (140) **Welsh E, Stovold E, Karner C, Cates C**. Cochrane Airways Group reviews were prioritized for updating using a pragmatic approach. *J Clin Epidemiol* 2015; 68:341-6. PMID: 25523374.
- (141) **Whincup PH, Donin AS**. Cereal fibre and type 2 diabetes: time now for randomised controlled trials? *Diabetologia* 2015;58:1383-1385. PMID: 26013682.
- (142) Winkler TW, Justice AE, Graff M, ... **Strachan DP**, ... Loos RJ. The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genet* 2015;11:e1005378. PMID: 26426971.

## Annex 2: PHRI publications 2010-2015 by journal type and year

Journal topic	Journal title	2010-4	2015
General	Arch Intern Med	1	
General	BMJ	12	2
General	BMJ Open	4	3
General	Canadian Med Ass J	1	
General	JAMA	2	
General	J R Soc Med		1
General	Lancet	10	6
General	N Engl J Med	4	
General	Nature	7	4
General	PLoS Med	3	1
General	PLoS One	25	7
<b>General journals</b>	<b>Subtotal</b>	<b>69</b>	<b>24</b>
Ageing	See list below	9	1
Allergy	See list below	20	3
Cardiovascular	See list below	61	6
Chest	See list below	27	3
Cochrane reviews	See list below	51	12
Environment	See list below	21	5
Epidemiology	See list below	22	7
General Practice	See list below	13	1
Genetics	See list below	37	9
HSR/Public Health	See list below	20	10
Infection	See list below	17	3
Metabolism	See list below	20	8
Methods	See list below	12	9
Mental Health	See list below	9 #	23
Nutrition	See list below	9	3
Ophthalmology	See list below	13	2
Paediatrics	See list below	17	2
Surgery	See list below	6	3
Other		21	8
<b>Specialty journals</b>	<b>Subtotal</b>	<b>405</b>	<b>118</b>
<b>All journals</b>	<b>Grand total</b>	<b>474</b>	<b>142</b>

# Counts for 2010-14 exclude the Mental Health Research Centre which merged with the Population Health RC during 2014 to form PHRI.

See annex 1 for details of 2015 publications. Specialty journals with more than one publication over the five year period 2010-14:

Ageing	Age Ageing (3), BMC Geriatr (2), J Am Geriatr Soc (3)
Allergy	Allergol Immunopathol (2), Allergy (2), Clin Exp Allergy (4), J Allergy Clin Immunol (10)
Cardiovascular	Arterioscler Thromb Vasc Biol (7), Atherosclerosis (5), Circ Cardiovasc Genet (2), Circ Heart Fail (2), Circulation (5), Eur Heart J (6), Eur J Cardiovasc Prev Rehabil (4), Eur J Prev Cardiol (3), Eur J Vasc Endovasc Surg (2), Heart (3), Int J Cardiol (2), J Am Coll Cardiol (4), J Hypertens (2), J Thromb Haemost (3), Stroke (4)
Chest	Am J Respir Crit Care Med (4), Eur Respir J (3), Int J Tuberc Lung Dis (4), Lancet Respir Med (2), Respir Res (2), Thorax (10)
Cochrane reviews	Cochrane Database of Systematic Reviews (51)
Environment	Air Qual Atmos Health (7), Environ Health Perspect (4), Occup Environ Med (3), Res Rep Health Eff Inst (3)
Epidemiology	Am J Epidemiol (2), Epidemiology (5), Eur J Epidemiol (2), Int J Epidemiol (8), J Epidemiol Community Health (4)
General Practice	Br J Gen Pract (8), Fam Pract (5)
Genetics	Am J Hum Genet (3), Hum Mol Genet (5), Nat Genet (19), PLoS Genet (7)
HSR/Public Health	Am J Public Health (2), BMC Public Health (6), Eur J Public Health (2), Int J Public Health (2)
Infection	BMC Infect Dis (2), Sex Transm Infect (10)
Metabolism	Diabetes Care (7), Diabetes Res Clin Pract (2), Diabetologia (3), Int J Obes (2), Lancet Diabetes Endocrinol (3)
Methods	Comput Methods Programs Biomed (2), Stat Med (2)
Mental Health	Br J Psychiatry (2)
Nutrition	Am J Clin Nutr (3)
Ophthalmology	Br J Ophthalmol (3), Invest Ophthalmol Vis Sci (4), Ophthalmic Physiol Opt (2)
Paediatrics	Arch Dis Child (2), Paediatr Respir Rev (3), Pediatr Allergy Immunol (5)
Surgery	Br J Surg (6)

## Annex 3: Population Health Research Institute - Pre-Publications 2015

(Papers not yet published in print following E-publications in 2015)

- (1) **Atkinson RW**, Analitis A, Samoli E, Fuller GW, Green DC, Mudway IS, **Anderson HR**, Kelly FJ. Short term exposure to traffic-related air pollution and daily mortality in London, UK. *J Expo Sci Environ Epidemiol* 2015 Oct 14.[Epub ahead of print]. doi:10.1038/jes.2015.65. PMID: 26464095.
- (2) Brauer M, Freedman G, Frostad J, van Donkelaar A, Martin RV, Dentener F, Dingenen RV, Estep K, Amini H, Apte JS, Balakrishnan K, Barregard L, Broday D, Feigin V, Ghosh S, Hopke PK, Knibbs LD, Kokubo Y, Liu Y, Ma S, Morawska L, Sangrador JL, Shaddick G, **Anderson HR**, Vos T, Forouzanfar MH, Burnett RT, Cohen A. Ambient Air Pollution Exposure Estimation for the Global Burden of Disease 2013. *Environ Sci Technol* 2015 Dec 4 [Epub ahead of print 2016;50:79-88]. PMID: 26595236.
- (3) Cooper PJ, Chico M, Amorim L, Sandoval C, Rodrigues L, Barreto ML, **Strachan DP**. Effects of maternal geohelminth infections on allergy in early childhood. *J Allergy Clin Immunol* 2015 Sep 19 [Epub ahead of print]. pii: S0091-6749(15)01111-2. PMID: 26395817.
- (4) de Vries PS, Chasman DI, Sabater-Lleal M, ... **Strachan DP**, Dehghan A. A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. *Hum Mol Genet* 2015 Nov 10 [Epub ahead of print 2016; 25:358-70]. PMID: 26561523.
- (5) **Donin AS, Dent JE, Nightingale CM**, Sattar N, **Owen CG, Rudnicka AR, Perkin MR**, Stephen AM, Jebb SA, **Cook DG, Whincup PH**. Fruit, vegetable and vitamin C intakes and plasma vitamin C: cross-sectional associations with insulin resistance and glycaemia in 9-10 year-old children. *Diabet Med* 2015 Oct 24 [Epub ahead of print]. doi: 10.1111/dme.13006. PMID: 26498636.
- (6) Halonen JI, Blangiardo M, Toledano MB, Fecht D, Gulliver J, **Anderson HR**, Beevers SD, Dajnak D, Kelly FJ, Tonne C. Long-term exposure to traffic pollution and hospital admissions in London. *Environ Pollut* 2015 Oct 23 [Epub ahead of print 2016; 208(Pt A):48-57]. doi: 10.1016/j.envpol.2015.09.051. PMID: 26476693.
- (7) Halonen JI, Blangiardo M, Toledano MB, Fecht D, Gulliver J, Ghosh R, **Anderson HR**, Beevers SD, Dajnak D, Kelly FJ, Wilkinson P, Tonne C. Is long-term exposure to traffic pollution associated with mortality? A small-area study in London. *Environ Pollut* 2015 Jul 7 [Epub ahead of print 2016; 208(Pt A):25-32]. doi: 10.1016/j.envpol.2015.06.036. PMID: 26160423.
- (8) Hay PE, **Kerry SR, Normansell R**, ... **Oakeshott P**. Which sexually active young female students are most at risk of pelvic inflammatory disease? A prospective study. *Sex Transm Infect* 2015 Jun 16 [Epub ahead of print 2016;92:63-6]. doi: 10.1136/sextrans-2015-052063. PMID: 26082320.
- (9) **Holley J**, Chambers M, **Gillard S**. The impact of risk management practice upon the implementation of recovery-oriented care in community mental health services: a qualitative investigation. *J Ment Health* 2015 Dec 24:1-8 [Epub ahead of print]. PMID: 26698325.
- (10) **Kapetanakis VV**, Chan MP, Foster PJ, **Cook DG, Owen CG, Rudnicka AR**. Global variations and time trends in the prevalence of primary open angle glaucoma (POAG): a systematic review and meta-analysis. *Br J Ophthalmol* 2015 Aug 15 [Epub ahead of print 2016;100:86-93]. doi: 10.1136/bjophthalmol-2015-307223. PMID: 26286821.
- (11) Karthikesalingam A, Wanhainen A, Holt PJ, **Vidal-Diez A**, Brownrigg JR, Shpitser I, Björck M, Thompson MM, Mani K. Comparison of long-term mortality after ruptured abdominal aortic aneurysm in England and Sweden. *Br J Surg* 2015 Dec 1 [Epub ahead of print 2016;103:199-206]. doi: 10.1002/bjs.10049. PMID: 26620854.
- (12) **Kerry SR, Nightingale CM**, Hay P, **Oakeshott P**. Which sexually active female students get themselves tested for Chlamydia trachomatis? A cohort study. *Int J STD AIDS* 2015 May 20 [Epub ahead of print]. pii: 0956462415587636. PMID: 25999170.



- (13) Liljas AE, Wannamethee SG, **Whincup PH**, Papacosta O, Walters K, Iliffe S, Lennon LT, Carvalho LA, Ramsay SE. Socio-demographic characteristics, lifestyle factors and burden of morbidity associated with self-reported hearing and vision impairments in older British community-dwelling men: a cross-sectional study. *J Public Health* 2015 Jul 14 [Epub ahead of print]. PMID: 26177816.
- (14) Llewellyn A, Simmonds M, **Owen CG**, Woolacott N. Childhood obesity as a predictor of morbidity in adulthood: a systematic review and meta-analysis. *Obes Rev* 2015 Oct 6 [Epub ahead of print 2016; 17:56-67]. doi: 10.1111/obr.12316. PMID: 26440472.
- (15) **Mantovani N**, Pizzolati M, **Gillard S**. Engaging Communities to Improve Mental Health in African and African Caribbean Groups: A qualitative study evaluating the role of community well-being champions. *Health & Social Care in the Community* 2015 Oct 5 [Epub ahead of print] doi: 10.1111/hsc.12288. PMID: 26439601.
- (16) **Mezey G**, **Robinson F**, **Gillard S**, **Mantovani N**, Meyer D, **White S**, Bonell C. Tackling the problem of teenage pregnancy in looked after children: a peer mentoring approach. *Child & Family Social Work* 2015 Apr 15 [Epub ahead of print]. doi:10.1111/cfs.12225. PMID: Not listed in PubMed.
- (17) **Normansell R**, Drennan VM, **Oakeshott P**. Exploring access and attitudes to regular sexually transmitted infection screening: the views of young, multi-ethnic, inner-city, female students. *Health Expect* 2015 Feb 20 [Epub ahead of print]. doi: 10.1111/hex.12354. PMID: 25703741.
- (18) Nuesch E, Dale C, Palmer TM, ... **Whincup PH**, ... Casas JP. Adult height, coronary heart disease and stroke: a multi-locus Mendelian randomization meta-analysis. *Int J Epidemiol* 2015 May 15 [Epub ahead of print]. pii: dyv074. PMID: 25979724.
- (19) **Oakeshott P**, Reid F, Poulton A, Markus H, Whitaker RH, Hunt GM. Neurological level at birth predicts survival to the mid-40s and urological deaths in open spina bifida: a complete prospective cohort study. *Dev Med Child Neurol* 2015 Feb 12 [Epub ahead of print]. PMID: 25683691.
- (20) Papachristou E, Ramsay SE, Papacosta O, Lennon LT, Iliffe S, **Whincup PH**, Goya Wannamethee S. The Test Your Memory cognitive screening tool: sociodemographic and cardiometabolic risk correlates in a population-based study of older British men. *Int J Geriatr Psychiatry* 2015 Oct 21 [Epub ahead of print]. doi: 10.1002/gps.4377. PMID: 26489874.
- (21) Pearson-Stuttard J, Blundell S, **Harris T**, **Cook DG**, **Critchley J**. Diabetes and infection: assessing the association with glycaemic control in population-based studies. *Lancet Diabetes Endocrinol* 2015 Dec 2 [Epub ahead of print]. pii: S2213-8587(15)00379-4. doi: 10.1016/S2213-8587(15)00379-4. PMID: 26656292.
- (22) Sharman N, Sri T, Chow C, Pond MJ, **Oakeshott P**, Planche T, Sadiq ST. Chlamydia testing: Reaching high-risk sexually active young people in the community. *Int J STD AIDS* 2015 Apr 29 [Epub ahead of print 2016;27:78-9]. PMID: 25931235.
- (23) Simmonds M, Llewellyn A, **Owen CG**, Woolacott N. Predicting adult obesity from childhood obesity: A systematic review and meta-analysis. *Obes Rev* 2015 Dec 23 [Epub ahead of print 2016;17(2):95-107]. doi: 10.1111/obr.12334. PMID: 26696565.
- (24) **Smith JG**, Knight L, Stewart A, Smith EL, McCracken LM. Clinical effectiveness of a residential pain management programme – comparing a large recent sample with previously published outcome data. *Br J Pain* 2015 Sep 23 [Epub ahead of print] doi: 10.1177/2049463715601445. PMID: Not listed in PubMed.
- (25) Stubbs B, Vancampfort D, Rosenbaum S, Ward PB, Richards J, **Ussher M**, Schuch FB. Challenges Establishing the Efficacy of Exercise as an Antidepressant Treatment: A Systematic Review and Meta-Analysis of Control Group Responses in Exercise Randomised Controlled Trials. *Sports Med* 2015 Dec 26 [Epub ahead of print]. PMID: 26707338.
- (26) Thompson TP, Greaves CJ, Ayres R, Aveyard P, Warren FC, Byng R, Taylor RS, Campbell JL, **Ussher M**, Green C, Michie S, West R, Taylor A. An Exploratory Analysis of the Smoking and Physical Activity Outcomes From a Pilot Randomized Controlled Trial of an Exercise

- Assisted Reduction to Stop Smoking Intervention in Disadvantaged Groups. *Nicotine Tob Res* 2015 May 11 [Epub ahead of print]. pii: ntv099. PMID: 25969453.
- (27) Tonne C, Halonen JI, Beevers SD, Dajnak D, Gulliver J, Kelly FJ, Wilkinson P, **Anderson HR**. Long-term traffic air and noise pollution in relation to mortality and hospital readmission among myocardial infarction survivors. *Int J Hyg Environ Health* 2015 Sep 21 [Epub ahead of print 2016 Jan;219:72-8]. PMID: 26454658.
- (28) **Ussher M**, Kakar G, Hajek P, West R. Dependence and motivation to stop smoking as predictors of success of a quit attempt among smokers seeking help to quit. *Addict Behav* 2015 Oct 29 [Epub ahead of print 2016;53:175-80]. PMID: 26547043.
- (29) van Loon J, Dehghan A, Weihong T, ... **Strachan DP**, Smith N, de Maat MP, O'Donnell C. Genome-wide association studies identify genetic loci for low von Willebrand factor levels. *Eur J Hum Genet* 2015 Oct 21 [Epub ahead of print]. doi: 10.1038/ejhg.2015.222. PMID: 26486471.
- (30) Wannamethee SG, Shaper AG, Lennon L, Papacosta O, **Whincup P**. Mild hyponatremia, hypernatremia and incident cardiovascular disease and mortality in older men: A population-based cohort study. *Nutr Metab Cardiovasc Dis* 2015 Aug 5 [Epub ahead of print 2016;26:12-9]. PMID: 26298426.

#### **Annex 4: Population Health Research Institute: Grants active during 2015**

**See landscape tables overleaf**

SGUL lead	Funder	Title	Amount	To SGUL	Collaborators	Start	End
Atkinson	MRC/NERC	Air pollution and weather-related health impacts methodological study based on spatiotemporally disaggregated multi-pollutant models	1,559,612	261,653	LSHTM	01/01/2011	30/11/2015
Atkinson	MRC/NERC	Traffic air pollution and health in London	1,975,000	400,490	KCL, LSHTM	01/03/2011	31/08/2015
Cates	NIHR	Core support for the Cochrane Airways Group	821,591	821,591	-	01/04/2010	30/03/2015
Cates	NIHR	Core support for the Cochrane Airways Group	989,290	989,290	-	01/04/2015	31/03/2020
Cates	NIHR	Evidence to guide care in adults and children with asthma	298,120	247,708	Lancaster	01/05/2014	30/04/2017
Cook	NIHR	A multi-centre randomised trial comparing the effectiveness of enhanced motivational interviewing with usual care for reducing cardiovascular risk	2,000,000	21,410	KCL	01/01/2013	31/12/2016
Critchley	EC-FP7	TANDEM (Concurrent Tuberculosis and Diabetes Mellitus: unravelling the causal link and improving care)	€5.0M	€400K	International consortium	01/02/2013	31/01/2017
Critchley	Qatar NRF	Tuberculosis and diabetes: Quantifying the adverse impact of rising diabetes prevalence on tuberculosis global burden, and estimating the impact of targeted interventions on tuberculosis transmission	\$1.0M	\$300K	Weill-Cornell, Doha	15/06/2015	14/06/2018
Gillard	NIHR	Understanding and improving the assessment process for talking therapies [postdoctoral fellowship for Angela Sweeney]	284,475	284,475	-	01/01/2014	31/12/2018
Gillard	NIHR-CLAHRC	South London CLAHRC: PPI theme	28,000	28,000	KHP	01/10/2014	28/02/2019
Gillard	NIHR-SDO	ENRICH Project: Enhanced discharge from inpatient to community based mental health care	2,000,000	936,526	Consortium of NHS Trusts	01/02/2015	31/01/2020
Gillard	MIND	Peer support evaluation programme for strands 1, 2 & 4	259,000	259,000	Consortium of NHS Trusts	01/05/2015	01/02/2017
Harris	NIHR-HTA	Randomised controlled trial of pedometer-based walking interventions with and without practice nurse support in patients aged 45-74 years	1,162,018	1,013,482	Brunel	01/03/2012	28/02/2017
Harris	NIHR	In-practice fellowship award for Shaleen Ahmad	78,656	78,656	-	01/11/2014	30/04/2017

SGUL lead	Funder	Title	Amount	To SGUL	Collaborators	Start	End
Mezey	NIHR-SSCR	Social inclusion in individuals with mental health problems	336,947	336,947	UCL, Bristol	01/04/2015	31/03/2017
Sadiq [with Oakeshott]	MRC	Translating advances in diagnostic and communications technologies to reduce the burden of STIs	5,727,515	(small % PHRI)	SGUL (I&I)	01/02/2011	31/01/2016
Oakeshott	MRC	Screening for chlamydia related bacteria to prevent miscarriage	62,148	62,148	-	01/09/2013	28/02/2015
Owen	MRC-NPRI	Will moving into social and affordable housing in the Athletes' Village increase family physical activity levels? Evaluation of a natural experiment.	684,981	684,244	Bristol	01/06/2012	31/01/2017
Owen	NIHR-PHP	Does active design increase walking and cycling?	772,581	260,861	Bristol, LSHTM	01/06/2014	31/05/2017
Owen	MRC	Automated retinal microvascular quantification as a predictor of cardiovascular disease risk in later life	147,604	58,632	Kingston, Cambridge	01/10/2014	30/09/2015
Rudnicka	BUPA	A systematic overview of geographic variations and time trends in the prevalence of childhood myopia: implications for aetiology and early prevention	40,158	40,158	-	01/10/2012	31/12/2015
Shah [now Carey]	NIHR-HS&DR	An evaluation of the effectiveness of annual health checks and quality of health care for adults with learning disability	310,750	310,750	-	01/11/2013	31/10/2016
Smith	SWL AHSCS	Piloting a specialised sickle cell pain management service: a mixed methods observational study	8,941	8,941	-	01/06/2014	31/07/2015
Strachan	BLF	The Respiratory Health of the Nation	249,957	128,565	Edinburgh, Nottingham, Imperial	01/01/2013	31/12/2015
Strachan	Asthma UK	Centre for Applied Health Research	2,500,000	25,000	Edinburgh, QMUL	01/05/2014	30/04/2019
Ussher	NIHR	Improving the effectiveness and reach of NHS support for smoking cessation in pregnancy	1,880,847	88,988	Nottingham	01/10/2010	31/07/2016
Ussher	NIHR	Cochrane incentive award: Exercise assisted smoking reduction	10,000	10,000	-	01/10/2014	30/09/2015

SGUL lead	Funder	Title	Amount	To SGUL	Collaborators	Start	End
Ussher	NIHR- CLAHRC	South London CLAHRC: Psychosis theme	9,000,000	540,234	KCL	01/10/2014	30/09/2019
Ussher	Cancer Research	Attitudes to electronic cigarettes: a qualitative study of women who are pregnant or have recently given birth	61,595	61,595	Nottingham, Stirling, Cambridge	01/10/2015	01/10/2016
Whincup	BUPA	Investigating the early emergence of ethnic differences in type 2 diabetes risk in UK South Asian, African-Caribbean and white European children: the role of childhood and early life factors	98,000	98,000	-	01/06/2011	31/12/2016
Whincup	MRC	Novel cardiovascular risk markers: early outcomes and determinants in the National Survey of Health and Development	406,000	228,650	UCL	01/08/2011	28/02/2015
Whincup	NIHR- CLAHRC	South London CLAHRC: Diabetes theme	213,000	106,500	KHP	01/01/2014	31/03/2017
Whincup [as director at UCL]	BHF programme grant	British Regional Heart Study (BRHS): a long-term prospective investigation of cardiovascular disease (causes, pathways, prediction and prevention) among older British men.	1,016,140	0	UCL	01/10/2014	30/09/2019