

Society for Social Medicine

61st Annual Scientific Meeting

University of Manchester

6-8 September 2017

CONFERENCE HANDBOOK



Founding members

The Society for Social Medicine was founded at a small meeting that took place on June 30 and July 1 1956. The names of those who attended the meeting are below.

Dr Ian McCallum	Durham University
Dr C.R. Lowe	Birmingham
Dr James Hislop	Cambridge
Dr A.L. Cochrane	Pneumoconiosis Research Unit
Dr Maurice Backett	Queen's University Belfast
Dr Alice Stewart	Oxford
Dr Richard Scott	Edinburgh
Dr Robert Sutherland	Leeds
Dr Robert Logan	Manchester
Dr R.C. Wofinden	Bristol
Prof Alex Mair	Dundee
Dr John Pemberton	Sheffield
Prof A. Querido	Amsterdam
Dr Richard Doll	LSHTM
Prof Robert Cruickshank	St Mary's Hospital, London
Dr John Lee	Social Medicine Research Unit, London Hospital
Dr R.N. Hitchens	Welsh National School of Medicine
Prof John Brotherston	University of Edinburgh
Prof W.J.E. Jessop	Trinity College, Dublin
Prof Gurney Clark	Columbia University, New York
Prof James Mackintosh	LSHTM
Dr J.N. Morris	Social Medicine Research Unit, London Hospital
Prof W Hobson	Sheffield University
Prof Tom McKeown	Birmingham University
Prof F. Grundy	Welsh National School of Medicine
Dr Alex Robertson	LSHTM
Prof A. Stevenson	Queens University Belfast
Prof Tom Murphy	University College, Dublin
Prof E.K.Cruickshank	University College of the West Indies

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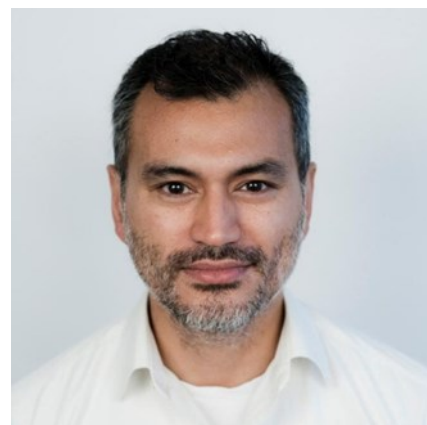
We have over 260 people who have registered for the conference with over a hundred oral presentations, nearly a hundred poster presentations, seven workshops and four very eminent keynote speakers.

The Society has held two previous meetings in Manchester, in 1967 and in 1989. A lot has happened in the city since then and we particularly welcome new visitors to the city and people who have not been here for some time.

Social Medicine is well represented at the University of Manchester with research centres, institutes and departments in public health, occupational health, epidemiology, biostatistics, health economics, health informatics, primary care, nursing, health services research, and across the social sciences.

Apart from the academic conference, we hope that you will take some time to discover the city of Manchester. Manchester became the world's first industrialised city around the turn of the 19th century as people flocked to the city for work. A centre of textile manufacture and capitalism, Manchester was also the scene of bread and labour riots such as the Peterloo Massacre of 16 August 1819. Friedrich Engels wrote *The Condition of the Working Class in England* in 1844, while living and working in Manchester. Engels and Karl Marx began writing The Communist Manifesto in Chetham's Library, Manchester. You can enjoy city centre canal side walks alongside factories and warehouses, world leading cultural, scientific and revolutionary museums, and a centre of alternative and bohemian culture in the Northern Quarter.

On behalf of the local organising committee, we are delighted to host and welcome you to the conference and hope you have a wonderful time here.



Tarani Chandola, chair of the local organising committee, Manchester SSM 2017

Professor of Medical Sociology,

Cathie Marsh Institute, University of
Manchester



Cities and Towns where SSM 2017 ASM attendees are from

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Sponsors and Acknowledgements

The conference has been organised jointly by the SSM Committee and a Local Organising Committee from the Cathie Marsh Institute and the Division of Population Health, Health Services Research and Primary Care at University of Manchester, with support of the Society for Social Medicine, Hg3 Conferences, the International Festival of Public Health and BMJ JECH.



The University of Manchester



SSM Local organising committee members and volunteers

Tarani Chandola, Laia Bécares, Arpana Verma, Greg Williams, Harry Taylor

Abstract Reviewers

Aileen Clarke	University of Warwick	Ffion Lloyd-Williams	University of Liverpool
Alastair Leyland	University of Glasgow	GJ Melendez-Torres	University of Warwick
Amy Downing	University of Leeds	Greg Williams	University of Manchester
Amy Grove	University of Warwick	Hazel Inskip	University of Southampton
Andrew Povey	University of Manchester	Isla Gemmell	University of Manchester
Anna Pearce	UCL Institute of Child Health	Ivan Perry	University College Cork
Arpana Verma	University of Manchester	Katie Reed	University of Manchester
Catherine Hayes	Trinity College Dublin	Laia Bécares	University of Manchester
Chris Stinton	University of Warwick	Lia Demou	University of Glasgow
Christine Robinson	University of Manchester	Luke Munford	University of Manchester
Claire Niedzwiedz	University of Oxford	Mark Kelson	University of Exeter
Dorina Cadar	UCL	Martin Tickle	University of Manchester
Emily Murray	UCL	Nan Zhang	University of Manchester
		Neil Pendleton	University of Manchester

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Paula Whittaker	University of Manchester	Sheena Ramsay	Newcastle University
Peter Tennant	University of Leeds	Shelina Visram	Durham University
Rebecca Johnson	University of Warwick	Steven Oliver	University of York
Roger Harrison	University of Manchester	Tarani Chandola	University of Manchester
Ruth Dundas	University of Glasgow	Tony Robertson	University of Stirling
Sara Ronsi	University of Liverpool	William Whittaker	University of Manchester

Society of Social Medicine Committee

Aileen Clarke	President	Ruth Dundas	One day workshop Co-ordinator
Simon Capewell	Past President	Ivan Perry	IEA/EEF Liaison
Peter Tennant	Honorary Secretary	Alastair Leyland	EUPHA Liaison
Anna Pearce	Honorary Treasurer	Shelina Visram	Membership Secretary
Mark Kelson	Communications Officer	Tony Robertson	New Members Co-ordinator
Ellen Flint	ASM Co-ordinator	Laia Bécares	Newsletter Editor
Steven Oliver	Chair of ASM LOC 2016	Kate Tilling	Scientific Co-ordinator
Tarani Chandola	Chair of ASM LOC 2017	Emily Murray	Social Media Co-ordinator
Sara Ronzi	Chair of ECR Sub-committee	Catherine Hayes	External Relations Co-ordinator
Lia Demou	Chair-Elect of ECR Sub-committee	Claire Niedzwiedz	Regional Liaison (Scotland)
Sheena Ramsey	Chair of MCR Sub-committee		
Amy Downing	Chair-Elect of MCR Sub-committee		

Further Acknowledgments: Further acknowledgements: A big “thank you!” to all the chairs of the oral and poster presentation sessions. And also to Mark Kelly, Nasira Asghar, Philippa Walker and Anthony Bacon from the Cathie Marsh Institute for helping to organise the conference.

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Wednesday 6th September 2017

09:00-18:00	Registration (University Place, Oxford Road, University of Manchester)
11:00-11:30	Conference welcome (Lecture Theatre B)
11:30-12:45	Cochrane Lecture and Discussion (Lecture Theatre B): Professor Jennie Popay "What happened to the ginger bread man: twenty years of qualitative evidence synthesis"
12:45-13:45	Lunch (ECR/MCR meetings and events)
13:10-13:45	Early Career Researcher event (1.218)
13:10-13:45	Mid-Career Researcher event (1.219)
13:45-15:20	Oral presentation session A and Workshop 1
15:20-16:20	Refreshments and poster session A (P1-P48), 1 st floor
16:20-17:55	Oral presentation session B and Workshop 2
19:15	Conference reception: Great Hall, Manchester Town Hall, Albert Square, M2 5DB

Thursday 7th September

08:30 onwards	Registration (University Place, Oxford Road, University of Manchester)
9:00-10:35	Oral presentation session C and Workshops 3 and 4
10:35-11:30	Refreshments and poster session B (P49-P98), ground floor
11:25-13:00	Oral presentation session D and Workshops 5 and 6
13:00-13:45	Lunch
13:45-15:00	"How do we change the social determinants of health and health inequalities?" - A discussion with Professor Michael Marmot and Professor Richard Wilkinson (Lecture Theatre B)
15:15-17:00	Walking tours
17:00-18:00	Society for Social Medicine Annual General Meeting (Lecture Theatre B)
18:30 for 19:00	Conference dinner: Harvey Nichols Second Floor Bar and Brasserie, 21 New Cathedral Street, Manchester, M1 1AD

Friday 8th September

08:30 onwards	Registration (University Place, Oxford Road, University of Manchester)
9:00-10:35	Oral presentation session E and workshop 7
10:35-11:00	Refreshments
11:00-12:10	Plenary session: top ranking abstracts (Lecture Theatre B)
12 noon	Lunch (available to take away)
12:15-13:30	Pemberton Lecture and Discussion: Professor Alastair Leyland "God bless the child: empty pockets and the struggle to reduce inequalities in health" (Lecture Theatre B)
13:30-13:45	Awards, closing remarks and farewell

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Conference Information

Registration

On arrival, please make your way to the reception desk on the ground floor of University Place, Oxford Road to register and collect your name badge and delegate handbook.

Registration will be open at following times:

- Wednesday 6 September 09.00 – 18.00
- Thursday 7 September 08.30 – 16.30
- Friday 8 September 08.30 – 12.15

Name Badges

Name badges will be provided at registration and delegates are asked to wear their badge for entry to scientific sessions and refreshment breaks.

Accommodation

Delegates who have booked hotel accommodation through the registration website are staying at Weston Hall, 78 Sackville St, Manchester M1 3BB (see back page for a map between University Place and Weston Hall). The Weston Hall reception is open from 8:30-18:30. From Sackville Street, as you face the Pendulum Hotel circular entrance, take the paved pathway to get to Weston Hall. Please press the doorbell at the entrance to the Weston Hall building to gain access during these hours. 24 hour access to Weston Hall is through the Pendulum Hotel entrance.

Check in time is from 14:00; Check out time is by 10:00 on the day of departure

Keys can be obtained from registration which is located in the Pendulum Hotel.

Wifi: Complementary wifi is available throughout the Pendulum Hotel, unfortunately there is no wifi in the bedroom accommodation.

Breakfast will be served from 07:00 until 10:00 in the Hub.



Pendulum Hotel entrance: the pathway on the right hand side leads to Weston Hall



Weston Hall Entrance

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Plenary Sessions

There are four plenary sessions (all in Lecture Theatre B). The Cochrane Lecture will be given by Professor Jennie Popay on Wednesday 6th September at 11:30. We will have a discussion event with Professors Michael Marmot and Richard Wilkinson on Thursday 7th September at 13:45. On Friday at 11:00 we have the authors of the three highest scoring submitted papers selected by the SSM committee who will present their work. And we will end the conference with the Pemberton Lecture at 12:15 given by Professor Alastair Leyland.

Oral and Poster Presenters

For oral presenters, please upload your presentation on the PC of your allocated room on the day of your presentation. PCs in the rooms for the plenary and parallel sessions are equipped with office 2010, including PowerPoint 2010. For those presenting a poster at the meeting, numbered posters boards (1200 mm x 1200mm with blue felt) will be located on the ground and first floor of University Place. The poster numbers are above each poster abstract in this booklet, and also on the poster boards to enable you to find your allocated place. Poster presenters are asked to present their posters during the poster sessions A (Wednesday 15:20-16:20) or B (Thursday 10:35-11:30)

Civic Reception

The reception will be held at the Manchester Town Hall, Albert Square, Manchester M60 2LA, on Wednesday 6th September from 19:15-20:15. Red/white wine, soft drinks and canapes will be provided.

A coach will be available to collect guests from University Place at 18:45 and from Weston Hall at 19:00. Please note, space on the coach is limited and will be on a first come basis. Return transport is not available and guests will need to make their own way back to their accommodation.

Conference Dinner

The conference dinner will be held at Harvey Nichols 2nd floor Bar & Brasserie, 21 New Cathedral Street; Manchester; M1 1AD on Thursday evening, 7th September. Drinks will be available from 18:30 with Dinner served at approx. 19:00. If you have not already done so, please ensure that the conference organizers are made aware of any dietary requirements in advance of the meal as changes cannot be made on the day.

Dancing will be available after the meal and the evening concludes at 23:00.

A coach will be available to collect guests from University Place at 18:00 and from Weston Hall at 18:15. Please note, space on the coach is limited and will be on a first come basis. Return transport is not available and guests will need to make their own way back to their accommodation.

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Conference Information

Workshops

Unlike previous conferences, the seven workshops will take place throughout the conference, alongside oral presentation sessions A to E.

Walking tours

Delegates who have pre-paid to join the Manchester Shock City and Northern Quarter Walk, should meet at the Conference Registration desk at 15:15 on Thursday afternoon.

Details on the self-guided free walking trips are available in this handbook (pages 27 to 29). No formal arrangements have been made for these trips and delegates are free to take the tours on their own, or join with other delegates to walk as a group.

SSM Annual General Meeting

This will take place on Thursday 7th September at 17:00 in Lecture Theatre B. Please note that some of the walking trips are located in the city centre, so please leave enough time to come back to University Place if you wish to attend the AGM.

Luggage store

For guests staying at Weston Hall, a left luggage store will be available in the Pendulum Hotel (please ask at the Hotel Registration desk for details). Alternatively, a left luggage area will be made available at the back of Lecture Theatre B. This area is not locked and guests can leave luggage but it will be at their own risk.

Parking

The closest car park is the Manchester Aquatics Centre NCP Car Park, Booth St E, Manchester M13 9SS

Buses

Bus services to University Place, Oxford Road include: 15, 41, 42, 43, 43a, 111, 140, 141, 142, 143

See here for more bus suggestions: <http://www.manchester.ac.uk/discover/maps/travel-by-bus-coach/>

Taxis

Manchester StreetCars: 0161 228 7878

Black Cab Taxis ply up and down Oxford Road regularly

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Internet Access

Wireless Internet access (Eduroam) will be available to all delegates within University Place for the duration of the conference.

Services close to University Place

The closest cash machine is the Natwest Bank on the corner of Oxford Road and Dover Street, 323 Oxford Rd, Manchester M13 9PS.

The closest chemist is Faith Pharmacy, 59 Booth St W, Manchester M15 6PQ.

The closest gyms are the Manchester Aquatics Centre 2 Booth St E, Manchester M13 9SS and the Sugden Sports Centre, 114 Grosvenor St, Manchester M1 7HL.

Cafes and Restaurants

The Manchester Museum café is located right opposite University Place.

The Eighth Day café (111 Oxford Rd, Manchester M1 7DU) is a workers' cooperative selling organic goods and serving meat-free food and drink all day.

The Rusholme area, south of the University (about a 20 minute walk from University Place) is famous for the “Curry Mile”, with many choices of South Asian and Middle Eastern cuisines.

The Chinatown area is also about a 20 minute walk in the centre of the city, with many Chinese, Thai, Japanese, Nepali, Vietnamese, Singaporean and Malaysian restaurants.

Key Contacts:

Travel:

Bus & Tram Timetables and maps

www.tfgm.com

National Rail

0845 748 4950

www.nationalrail.co.uk

Trainline

www.thetrainline.com

Metrolink (Tram)

0161 205 2000

www.metrolink.co.uk

Free Time:

Tourist Information

www.visitmanchester.com

Restaurant Reviews

www.sugarvine.com/manchester

Spinningfields

www.spinningfieldsonline.com

Manchester event listings

www.live-manchester.co.uk

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Oral Presentation Sessions

Parallel Oral Presentation Session A: Wednesday 6 September 2017, 13:45-16:20

	Children 1	Health inequalities 1	Lifecourse later life	Health services research	Ethnicity 1	Workshop
Room	Theatre B	1.218	1.219	2.218	2.219	2.220
13:45-14:05	Changes in the relationship between asthma and associated risk factors in children aged 8-13 over fifty years: ecological study from Aberdeen, North East Scotland Barnish et al. OP01	Impact of an integrated health and wellbeing approach to addressing multiple lifestyle risks and reducing health inequalities: a mixed methods study Visram et al. OP07	Childhood cognitive ability and standing balance in mid to later life: findings from the MRC National Survey of Health and Development Blodgett et al. OP09	The changing prevalence of births after subfertility and fertility treatment in England 1991-2013: Evidence from the Clinical Practice Research Datalink Carson et al. OP13	Ethnic Differences in ill health and in socioeconomic inequalities in health: Population study using 2011 Scottish Census Allik et al. OP17	Workshop 1: Appraisal, revalidation and professional responsibilities as an academic in public health. Imogen Stephens (Public Health England) and Zafar Iqbar (Consultant in Public Health)
14:10-14:30	Trends in cure and relapse by clinical characteristics for children diagnosed with leukaemia aged 0-17 years in Yorkshire 1990-2009: a population-based study Smith et al. OP02	Which ages and causes of death explain the widening lifespan variation gap in Scotland? A population based study using routine data Seaman et al. OP05	Residential mobility during childhood and later risks of psychiatric morbidity, violent criminality and premature death: a national register-based cohort study Webb et al. OP10	A systematic review of cost-effectiveness evaluations of psychological therapies for schizophrenia and bipolar disorder Davies et al. OP14	Ethnic variations in infant mortality in England and Wales 2006-2012: a national cohort study using routinely collected data Li et al. OP18	Workshop 1: continued
14:35-14:55	Is in-utero exposure to maternal H1N1 influenza infection and vaccination associated with an increased risk of childhood seizures? A Norwegian registry-based study Oakley et al. OP03	Socio-demographic inequalities in cardiovascular risk management and early detection of vascular conditions by the NHS Health Check: a difference-in-differences matching analysis Chang et al. OP06	Life course socioeconomic position and the prevalence of type 2 diabetes in later life. A cross-sectional analysis from the Irish Longitudinal Study of Ageing Leahy et al. OP11	Challenges experienced by community-based Clinical Nurse Specialists in supporting the delivery of integrated diabetes care: A qualitative study Riordan et al. OP16	Roma populations and health inequalities: a systematic scoping review of multiple intersecting determinants Orton et al. OP19	Workshop 1: continued
15:00-15:20	The association between the childcare energy-balance environment and UK 3-4-year-olds' anthropometric indices Hesketh et al. OP04	Explaining trends in coronary heart disease mortality and socioeconomic inequalities in Denmark 1991-2007: IMPACT _{SEC} Model analysis using routine data Joensen et al. OP08	Cumulative lifecourse adversity and adaptation in later life Richardson et al. OP12		Shame: Experiences of food and poverty among White British and Pakistani low-income women Power et al. OP20	Workshop 1: continued
15:20-16:20	Refreshments + poster session A (1st floor foyer area outside Lecture Theatre B)					

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Parallel Oral Presentation Session B: Wednesday 6 September 2017, 16:20-17:55

	Children mental health and experiences Theatre B	Health inequalities 2	Lifecourse adult health	Screening	Ethnicity & children	Workshop
Room		1.218	1.219	2.218	2.219	2.220
16:20-16:40	Assessing the impact of childhood socio-economic conditions on child mental health: Findings from the Wirral Child Health and Development Study Rutherford et al. OP21	Informal caregiving and markers of adiposity in the UK Household Longitudinal Study Lacey et al. OP91	Associations between child maltreatment and adult physical functioning in a prospective British birth cohort Archer et al. OP29	Symptomatic vs pre-symptomatic treatment of Tyrosinemia type 1 with nitisinone: A systematic review Stinton et al. OP33	Ethnic variation in risk of sudden infant death syndrome and other unexplained infant death in England and Wales 2006-2012: national birth cohort with routine exposure and outcome data. Kroll et al. OP37	Workshop 2: Context is crucial in interventions, but how do we examine it? Suzanne Audrey (Bristol) and Janis Baird (Southampton)
16:45-17:05	Understanding social inequalities in being bullied in childhood: Findings from the UK Millennium Cohort Study Campbell et al. OP22	Family income dynamics and subsequent risk for interpersonal and self-directed violence: a nested case-control study Mok et al. OP26	Lifetime severe affective symptoms and subsequent mental status: over 50 years of follow-up in the 1946 British Birth Cohort Study. James et al. OP30	Universal antenatal culture-based screening for maternal Group B <i>Streptococcus</i> (GBS) carriage to prevent early-onset GBS disease: A systematic review for the UK National Screening Committee (NSC) Seedat et al. OP34	Ethnic differences in childhood height trajectories and the role of early life factors: evidence from the UK Millennium Cohort Study Lu et al. OP38	Workshop 2: continued
17:10-17:30	Modelling the potential for parenting interventions to reduce inequalities and population prevalence of children's mental health problems: evidence from the Millennium Cohort Study (MCS) Hope et al. OP23	Socioeconomic position and mortality from brain tumour – A Swedish population-based study Khanolkar et al. OP27	Characterising longitudinal patterns of back pain across adulthood in the 1946 British birth cohort Muthuri et al. OP31	Pragmatic Integrated Trials in Screening: A Breast Screening Example involving 1.2 million women Taylor-Phillips et al. OP35	Reassessing patterns and time trends in body mass index in Black African and South Asian children between 2007 and 2013: the National Child Measurement Programme Hudda et al. OP39	Workshop 2: continued
17:35-17:55	Eliciting children's perceptions and experiences of health, diet, physical activity and weight through the draw, write and tell technique Murphy et al. OP24	Will government targets to increase physical activity in children reduce socio-economic inequalities in childhood overweight? A policy simulation in the UK Millennium Cohort Study (MCS) Pearce et al. OP28	Association between optimal guideline-indicated care and survival in patients with acute myocardial infarction and long-term conditions: a population based cohort study. Ellis et al. OP32	Decisions about smoking in patients screened with the EarlyCDT-Lung test for the early detection of lung cancer: A qualitative study Young et al. OP36	Ethnic differences in early glycaemic control (HbA1c) in childhood onset type 1 diabetes Taylor-Robinson et al. OP40	Workshop 2: continued

Oral Presentation Sessions

Parallel Oral Presentation Session C: Thursday 7 September 2017, 09:00-10:35

	Lifecourse early life	Behaviours 1	Ageing 1	Interventions	Environment 1	Workshop (speakers are not timetabled)	Workshop (speakers are not timetabled)
Room	Theatre B	1.218	1.219	2.218	2.219	2.220	2.217
09:00-09:20	Influences of pre-conceptual diet on infant anthropometry: analyses from the Southampton Women's Survey Crozier et al. OP41	The effect of multiple risk behaviours in adolescence on educational attainment at age 16 years: a UK birth cohort study Wright et al. OP45	Association between temperature and death among elderly people in England 2012/13-2013/14: a case-crossover design Tammes et al. OP49	Should the current national child measurement programme be extended to include younger children? Foster et al. OP53	Socioeconomic patterning of food and drink advertising at public transport stops in the city of Edinburgh, UK Robertson et al. OP57	Workshop 4: "Reviewing evidence to support decision-making on changes in service delivery and organisation: practical approaches and challenges"	Workshop 3: "Extending MRC Guidance on Developing and Evaluating Complex Health Interventions"
09:25-09:45	Glycaemic Load and Index in pregnancy are associated with postnatal, but not pre-pregnancy, depressive symptoms; longitudinal data from the Southampton Women's Survey Inskip et al. OP42	Changes in consumption of added sugars from age 13 to 30 years: a systematic review and meta-analysis of longitudinal studies Winpenny et al. OP46	Inequalities in time between stopping work and death: ONS Longitudinal Study. Murray et al. OP50	Health, happiness and wellbeing in the transition from adolescence to adulthood: Applying an "equity lens" to an overview of systematic reviews of population level interventions Macintyre et al. OP55	Examining associations between neighbourhood built environments and adiposity in the UK Biobank cohort Mason et al. OP58	Workshop 4: continued. Duncan Chambers (Sheffield), Alison Eastwood (York)	Workshop 3: continued Laurence Moore, Sharon Simpson, Susan Browne- (Glasgow), Alicia O'Cathain (Sheffield),
09:50-10:10	Network meta-analysis of empirically derived component classes in parenting interventions for child conduct disorder Melendez-Torres et al. OP43	Relationships between sugar intake from sweet food and beverages, common mental disorder and depression: prospective findings from the Whitehall II cohort study Knüppel et al. OP47	Functional and mental health trajectories predicting dementia incidence: Latent class analysis in the English Longitudinal Study of Ageing Cadar et al. OP51	Effects of national housing quality standards on hospital emergency admissions: a quasi-experiment using data linkage Rodgers et al. OP56	Prevalence and patterning of healthy, low-carbon lifestyles in the UK: A cross-sectional analysis of UK Biobank based on combinations of travel and dietary behaviour Smith et al. OP59	Workshop 4: continued	Workshop 3: continued Jeremy Segrott and Britt Hallingberg- (Cardiff)
10:15-10:35	Feeding difficulties and maternal concerns at age 3 years are associated with a decline in children's diet quality to age 6 Jarman et al. OP44	Age, sex and socioeconomic inequalities in fruit and vegetable intake in UK adults, 1986-2012 Yau et al. OP48	<i>Enjoyment of life as a predictor of healthy life expectancy: evidence from the English Longitudinal Study of Ageing</i> Zaninotto et al. OP52		Age-friendly environments and physical activity: a cross-sectional, observational study of the over 55s in Ireland Gibney et al. OP60	Workshop 4: continued	Workshop 3: continued
10:35-11:25	Refreshments + poster session B (ground floor area)						

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Parallel Oral Presentation Session D: Thursday 7 September 2017, 11:25-13:00

	Mental health & wellbeing Theatre B	Behaviours 2 1.218	Ageing 2 1.219	Policy analysis 2.218	Neighbourhood & communities 2.219	Workshop 2.220	Workshop 2.217
Room							
11:25-11:45	Understanding social inequalities in child mental health: Findings from the UK Millennium Cohort Study <i>Straatmann et al. OP61</i>	A systematic review of the prevalence of smoking in healthcare students <i>Granville et al. OP65</i>	Circulating n-3 polyunsaturated-fatty acids and the maintenance of healthy aging in older adults, the Cardiovascular Health Study <i>Lai et al. OP69</i>	Systems Science for Caribbean Health: The development of a system dynamics model for guiding policy on diabetes in a resource limited setting <i>Guariguata et al. OP73</i>	Evaluating the asset model: findings from a rapid review of evaluation strategies <i>South et al. OP77</i>	Workshop 6: "Thinking creatively about communicating your research" <i>Rebecca Whear, Jo Thompson Coon- (Exeter)</i>	Workshop 5: "Novel trial designs and analytical methods for evaluating complex public health interventions: a discussion"
11:50-12:10	What are the physical and psychological health effects of suicide bereavement on family members?: A qualitative study <i>Spillane et al. OP62</i>	Motivation to quit smoking and changes in cigarette consumption, among smokers who use E-cigarettes, findings from the Health Survey for England <i>Ng Fat et al. OP66</i>	Wealth differences in age-trajectories of body size: findings from the English Longitudinal Study of Ageing <i>Lassale et al. OP70</i>	Understanding the process of developing and implementing chronic disease policies in the Caribbean region: a qualitative policy analysis <i>Guell et al. OP74</i>	Neighbourhood social cohesion, ethnicity and physical activity in adolescents: longitudinal evidence from the ORIEL study <i>Berger et al. OP78</i>	Workshop 6: continued	Workshop 5: continued <i>Mary Barker, Hazel Inskip- (Southampton)</i>
12:15-12:35	The effects of the 2007-9 financial crisis on mental health in the UK: a longitudinal analysis of non-suicide mental health trends <i>Amies et al. OP63</i>	Activity levels in mothers and children during the transition to primary school: Findings from the Southampton Women's Survey <i>Hesketh et al. OP67</i>	The effect of longitudinal changes in physical and mental health on continuing social participation in older Irish adults: Analysis from The Irish Longitudinal Study of Ageing <i>McGarrigle et al. OP71</i>	Catalysing globesity: An analysis of the impact of US Free Trade Agreements on caloric intake from a natural experiment in Canada using the synthetic control method <i>Barlow et al. OP75</i>	Individual and neighbourhood-level socioeconomic factors and incidence of type 2 diabetes in older age: results from a 14 year follow-up of a cohort of older British men <i>Wannamethee et al. OP79</i>	Workshop 6: continued	Workshop 5: continued <i>Philip Pallmann (Lancaster), Adrian Mander (Cambridge)</i>
12:40-13:00	Do religious practices and beliefs moderate the association between stressful life events and subsequent mental health and wellbeing? <i>Kaushal et al. OP64</i>	Physical activity trajectories and predictors during the transition to old age <i>Aggio et al. OP68</i>	Religious attendance, loneliness and depressive symptoms in middle aged and older women in Ireland <i>Orr et al. OP72</i>	Evaluating the health impacts of restrictions to Income Support for lone parents: A Natural experiment study using Understanding Society <i>Katikireddi et al. OP76</i>	Association of Objective and Perceived Neighbourhood Characteristics with Poor Oral Health in Older Age: Results from a Cross-sectional Study of Older British Men <i>Ramsay et al. OP80</i>	Workshop 6: continued	Workshop 5: continued
13:00-13:45	Lunch (Eats Restaurant)						

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Oral Presentation Sessions

Parallel Oral Presentation Session E: Friday 8 September 2017, 09:00-10:35

	Physical activity interventions	Methods	Gender and family	Food policy	Cardiovascular disease	Workshop
Room	Theatre B	1.218	1.219	2.218	2.219	2.220
09:00-09:20	Long-term objective physical activity data from two primary care pedometer-based randomised controlled trials in middle-aged and older adults— are there still positive trial effects at 3 and 4 years? Limb et al. OP81	A qualitative exploration of trial-related terminology in a study involving Deaf British Sign Language users. Young et al. OP85	Pre-pregnancy and postnatal depressive symptoms are associated with quality of mother-child relationships; longitudinal data from the Southampton Women's Survey Baird et al. OP89	Stakeholders' framing of evidence about the UK sugar-sweetened beverage tax: a news media analysis Hilton et al. OP93	The burden of hypertension and its associated factors in The Gambia: Data from a National Health Examination Survey using the World Health Organisation (WHO) STEPwise approach Cham et al. OP97	Workshop 7: Use of Bayesian networks to facilitate evidence synthesis and evaluation of interventions in complex systems: Richard Lilford, Samuel Watson, Yen-Fu Chen- (Warwick) Alec Morton (Strathclyde), Gavin Stewart (Newcastle)
09:25-09:45	Systematic review of digital interventions to improve the diet and physical activity behaviours of adolescents Rose et al. OP82	Understanding intervention acceptability: changing participant views over time and the importance of context Morgan-Trimmer et al. OP86	The embodiment of gender divisions of labour: Gender divisions of labour and inflammatory markers in the UK Household Longitudinal Study McMunn et al. OP90	How does the alcohol industry define "Responsible drinking"? A qualitative analysis Maani Hessari et al. OP94	Revisiting early life deprivation and cardiovascular disease: an ecological study of historical trends in economic development and current cardiovascular mortality in 1577 Brazilian municipalities Mallinson et al. OP98	Workshop 7: continued
09:50-10:10	Diet and physical activity-based weight management programmes for adults: re-analysis of a systematic review through the lens of user views to identify pathways to effectiveness Sutcliffe et al. OP83	DAGitty and directed acyclic graphs in observational research: A critical review Tennant et al. OP87	Examining the situated health and wellbeing challenges of urban food aid provision: a qualitative participatory study with healthcare professionals in London Thompson et al. OP25	Quantifying the potential US health and economic effects of the FDA voluntary salt reformulation proposal Pearson-Stuttard et al. OP95	The cost-effectiveness and equity of the NHS Health Checks cardiovascular disease prevention programme: a microsimulation using real-world data from a deprived northern city Collins et al. OP100	Workshop 7: continued
10:15-10:35	Are we there yet? A cumulative meta-analysis of the accumulation of evidence for physical activity promotion Love et al. OP84	Assessing the potential utility of 'big data' from the private sector for health research: linking Experian™ Mosaic Groups to deprivation indices Wami et al. OP88	A systematic review of prospective risk and protective factors for intimate partner violence victimisation among women Yakubovich et al. OP92	Young People's Experiences of Non-Broadcast Advertising of Unhealthy Food White et al. OP96	Psychological distress and incident stroke risk in the 45 and Up Study Jackson et al. OP99	Workshop 7: continued
10:35-11:00	Refreshments					

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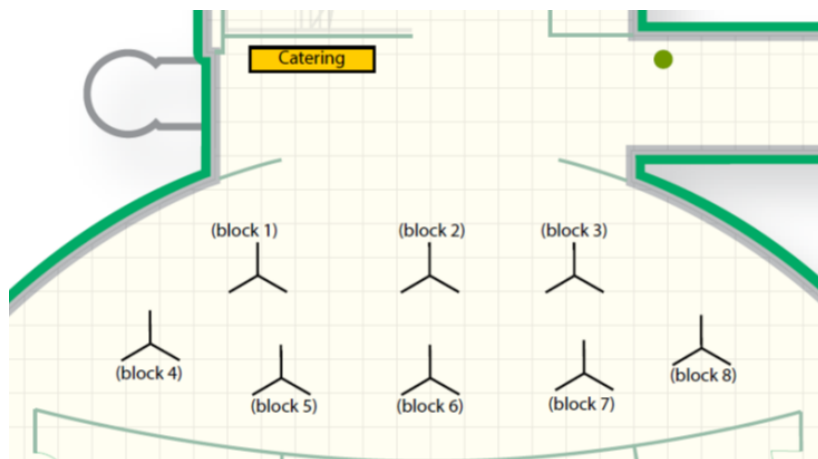
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Plenary Presentations: Friday 8th September 2017, 11:00-12:10

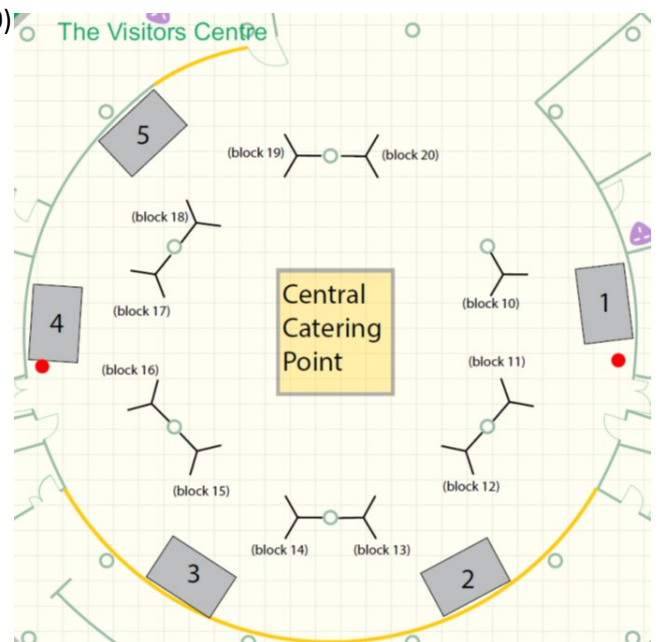
Room	Theatre B
11:00-11:20	The impact of co-located welfare advice in primary healthcare settings on mental health and health service use: a mixed methods evaluation Woodhead et al. PL01
11:25-11:45	Tobacco control in England: using microsimulation modelling to quantify the potential impact of a tobacco-free generation or a total ban Kypridemos et al. PL02
11:50-12:10	Hospital treated deliberate self-harm and risk of suicide and death from other external causes in the Republic of Ireland – a national registry cohort study O'Farrell et al. PL03

Poster sessions

Numbered posters boards (1200 mm x 1200mm with blue felt) will be located on the ground and first floor of University Place. The poster numbers are above each poster abstract in this booklet, and also on the poster boards to enable you to find your allocated place. Poster presenters are asked to present their posters during the poster sessions A (Wednesday 15:20-16:20) or B (Thursday 10:35-11:30)



1st floor plan for posters in poster session A (Wednesday)
(poster board blocks)



Ground floor plan for posters in poster session B (Thursday)
(poster board blocks)

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Poster session A: Wednesday 6 September 15:20-16:20 (1st floor)

Adult (Block 1)

Systematic review of reviews on the negative health effects and psychosexual benefits of high-heeled shoes **Barnish et al P01**

Potential benefit of singing for people with Parkinson's disease: a systematic review updated to 2017 **Barnish et al P02**

What do people in the general population think about back pain – and does it matter? A systematic review **Morton et al P03**

Child-parent separation during upbringing and later risk of violent criminality and self-harm: a population-based cohort study **Mok et al P04**

Are obesity and inflammation from midlife associated with physical fatigability in old age? Findings from a British birth cohort study **Cooper et al P47**

Ageing (Block 2)

Correlates of level and loss of grip strength in later life: findings from the English Longitudinal Study of Ageing and the Hertfordshire Cohort Study **Westbury et al P06**

Sensory impairments and cognitive ageing: Findings from 11 European countries **Maharani et al P07**

Incidence of diagnosed dementia in the English Longitudinal Study of Ageing in England: A 12-year follow-up **Cadar et al P08**

Affective Problems and Memory Decline: A Systematic Review and Meta-Analysis. **John et al P09**

Diet quality, sarcopenia and frailty in older men: cross sectional analysis from the British Regional Heart Study **Parsons et al P10**

The enduring influence of controlling parenting on personal mastery in older age **Harkness et al P11**

Behaviours (Block 3)

Evaluating policy responses to upstream determinants of chronic, non-communicable diseases: supporting healthy diets and active living in seven Caribbean countries **Murphy et al P12**

Social, biological, behavioural and psychological factors and physical activity during pregnancy: a cross-sectional study **Flannery et al P13**

Association of sleep duration and sleep quality with the loss of functioning among Australian people **Lallukka et al P14**

Inequalities in alcohol-related mortality: an electronic cohort study of internal migration in Wales **Gartner et al P15**

Gender Differences in Walking (for Leisure, Transport and in Total) across Adult Life: A Systematic Review **Pollard et al P16**

Comparing BMI with skinfolds to estimate age at adiposity rebound and its associations with later cardio-metabolic risk markers **Di Gravio et al P48**

Child (Block 4)

Chronic malnutrition in early life and cognitive outcome in mid-childhood: Evidence from four developing countries **Zhang et al P17**

Is the risk of permanent childhood hearing impairment higher in babies of shorter gestational length? **Butcher et al P18**

Father involvement and attitudes in early child-rearing and depressive symptoms in the pre-adolescent period in a UK birth cohort **Opondo et al P19**

Cumulative effect of adverse childhood experiences on affective symptom trajectories in adulthood: evidence from a British birth cohort **Thompson et al P20**

Patterns of breastfeeding at 3 months postpartum in the Alberta Pregnancy Outcomes and Nutrition (APrON) study **Jarman et al P21**

Childhood adversity, adult socioeconomic status and risk of work disability – A prospective cohort study **Halonen et al P22**

Poster session A (continued): Wednesday 6 September 15:20-16:20 (1st floor)

Environment (Block 5)

Possible implications of a perceived divide between lay and official knowledge in an area of compromised and polluted environment, and high deprivation, in North West England **Elliott et al P23**

Individual factors associated with self-reported measures of cold homes during winter **Tammes et al P24**

Feasibility cluster randomised controlled trial and process evaluation of an environmental intervention in nurseries and a web-based home intervention to increase physical activity, oral health and healthy eating in children aged 2–4 years: NAP SACC UK **Kipping et al P25**

Associations between typologies of neighbourhood environments and associations with obesity: a cross-sectional study **Hobbs et al P26**

Can we better capture longitudinal exposure to the neighbourhood environment? A latent class growth analysis of the obesogenic environment in New York City, 1990-2010 **Berger et al P27**

Association between indoor temperature and general health in English adults: a cross-sectional study **Sutton-Klein et al P28**

Hlth Inequality (Block 6)

Racial inequalities in dental service utilisation amongst middle-aged Brazilian adults **Constante et al P29**

Does the quality of social relationships buffer the association of social disadvantage with allostatic load? An analysis of adults from the UK Household Longitudinal Study **Rouxel et al P30**

Access to primary care for socio-economically disadvantaged older people in rural areas **Ford et al P31**

Experiences of women from a lower socioeconomic background when using healthy eating mobile apps: a qualitative interview study **Flaherty et al P32**

Working upstream: Examining a central idea in addressing health inequalities **McMahon et al P33**

Explaining differences in cardiovascular disease mortality between local authorities in England **Bhatnagar et al P34**

Hlth Serv Res (Block 7)

Are Patient Outcomes Improving? Major Amputation and Death Following Lower Limb Revascularisation Procedures in England **Heikkila et al P35**

Is it feasible to evaluate cardiac MRI in patients who activate the primary percutaneous coronary intervention pathway using Hospital Episode Statistics data? **Pufulete et al P36**

Barriers to and facilitators of effective diabetes self-management among people newly diagnosed with Type 2 diabetes mellitus (T2DM): A qualitative study from Malaysia **Mohamed et al P37**

Decision regret in men treated for localised prostate cancer: results from the Life After Prostate Cancer Diagnosis study **Downing et al P38**

Emergency admissions to hospital for older people with COPD during the Reshaping Care for Older People Programme (RCOPP): an ecological study **Levin et al P39**

Experiences and illness perceptions of working-age cardiac rehabilitation attendees **Nutt et al P40**

Mental Health (Block 8)

Mental health competence in eleven year olds and its association with poor physical health and mental well-being: Findings from the UK Millennium Cohort Study **Rougeaux et al P41**

“Unseen Injuries”: Invisibility and Mental Illness in the English Welfare System **Pybus et al P42**

The Association between Depression and Subsequent Hypertension - A Systematic Review and Meta-Analysis **Prigge et al P43**

Self-harm, violence and premature death among young persons who experienced trauma-related hospitalisation during childhood: a national register-based cohort study **Webb et al P44**

Social and spatial mobility and self-reported health in older-age: linkage of the Scottish Longitudinal Study to the 1947 Scottish Mental Survey **Forrest et al P45**

Poster session B: Thursday 7 September 10:35-11:30 (ground floor)

Adult (Block 10)	Ageing (Block 11)	Child (Block 12)	Food/Knowledge Transfer (Block 13)	Health Inequalities (Block 14)	Health Services Research (Block 15)
An economic evaluation of a complex workplace dietary intervention: a cluster controlled trial Fitzgerald et al P49	Changes in Physical and Mental Health Functioning during Retirement Transition: a Register-linkage Follow-up Study Manty et al P54	Barriers and Facilitators to Implementation of Diet and Physical Activity Interventions in Schools-A DEDIPAC (DEterminants of Diet and Physical Activity) qualitative study Hayes et al P58	Media representations of sugar consumption and sugar-sweetened beverage tax in UK newspapers: implications for public health policy Buckton et al P61	Comparison of socioeconomic differences in health using objective and self-reported measures of the same condition: Evidence from the Health Survey for England Scholes et al P64	Implementation of Step-Down Intermediate Care in Glasgow City: A qualitative study exploring barriers and enablers Levin et al P71
The Prevalence and Determinants of Polypharmacy: Data from the British 1946 Birth Cohort Rawle et al P50	Pain and routes of exit out of paid employment among British civil servants: a follow-up study 1985-2013 Lallukka et al P55	LifeLab Southampton: Improving science literacy as a tool for increasing health literacy in teenagers – a pilot cluster-randomised controlled trial Inskip et al P59	The challenges of using social theory to underpin dietary interventions Chambers et al P62	Socioeconomic differences in hearing among middle-aged and older adults in the Health Survey for England Scholes et al P65	Understanding why UK GPs are leaving general practice - a systematic review of qualitative research Long et al P72
Early Life Factors Associated With Life Course Trajectories Of Resting Heart Rate O'Hare et al P52	Do working conditions alter to accommodate older workers' changing needs when their health declines: A 10-year follow-up of the English Longitudinal Study of Ageing Fleischmann et al P56	How can mentoring programmes for young people in secondary schools in the United Kingdom be classified? Developing a typology using qualitative methods Busse et al P60	DIET @ NET: Development of the Nutritools website for dietary assessment Cade et al P63	Barriers to accessing primary care for socio-economically disadvantaged older people living in rural areas: a qualitative study Turley et al P66	Avoidable emergency admissions in the Republic of Ireland: analysis of regional determinants Lynch et al P73
Birth and childhood factors and late life cerebrovascular disease: An analysis of 3 longitudinal cohort studies Backhouse et al P53	Physical Fitness offsets Cognitive Dysfunction in Dementia Cadar et al P57		Are sepsis awareness and antimicrobial stewardship competing goals? A content analysis of the framing of sepsis and antimicrobial resistance in the popular news media Rush et al P70	The relationship between socio-economic class and work-related mental ill-health Hussey et al P67	The impact of reconfiguring acute hospital services on hospital-treated self-harm: a before-and-after study Lynch et al P74
Multiple risk behaviour in adolescence and adverse health and social outcomes in early adulthood: findings from a prospective birth cohort study Campbell et al P05	Life course socioeconomic position effects on inflammation in older adults: compensating for missing data in the English Longitudinal Study of Ageing Chatzi et al P51		Examining strategies to increase knowledge mobilisation between Public Health England and key stakeholders: a mixed methods study Oyebode et al P69	Relationship between socioeconomic status and gastrointestinal infections in developed countries: A systematic review and meta-analysis Adams et al P68	A cost-effectiveness analysis of improving access to psychological therapies in British Sign Language (BSL) Shields et al P75

Poster session B (continued): Thursday 7 September 10:35-11:30 (ground floor)

Mental Health (Block 16)	Methods 1 (Block 17)	Methods 2 (Block 18)	Obesity (Block 19)	Ethnicity (Block 20)
The determinants of subjective wellbeing: An analysis of a health and wellbeing survey in Southeast England Lagnado et al P76	Validation of two secondary sources of food environment data against street audits in England Wilkins et al P79	Exclusion of community-led initiatives by publication bias: evidence from a systematic scoping review of community engagement in the UK Bagnall et al P85	Health care professional's experiences of lifestyle management in overweight and obese pregnant women: a qualitative study Flannery et al P89	Associations between maternal pregnancy, social and lifestyle characteristics and offspring blood pressure at age 4/5 in White British and Pakistani origin participants in the Born in Bradford Study West et al P94
Levels of psychological distress and predictors of distress in family carers of patients with cancer at end of life Grande et al P77	Forecasting trends in disability in England and Wales to 2030: a modelling study Guzmán-Castillo et al P81	Are process evaluation measures related to intervention outcomes in the PACE-UP primary care pedometer-based walking trial? Furness et al P86	Socio-economic variation in child BMI trajectory from infancy to adolescence in three contemporary European child cohorts Layte et al P90	Ethnic variations in clustering of adolescent health risk behaviours: latent class analysis Cassidy et al P95
Measuring Maternal Mood Savage-McGlynn et al P78	An illustration of the analytical challenges due to mathematical coupling in health geography research Berrie et al P82	A Process Evaluation of the Implementation of ASSIST in Scotland Dobbie et al P87	Mechanisms of Action in Group-based Interventions (MAGI) study: a framework of change processes in group-based health interventions Morgan-Trimmer et al P91	Ethnic density effects for adult mental health: Systematic review and meta-analysis of international studies Becares et al P96
Does self-rated health measure the same concept across countries? Insights from a comparison of older adults in England and Japan Williams et al P80	Explaining the fall in coronary mortality in Argentina between 1995 and 2010: IMPACT modelling analysis Guzman et al P83	Developing robust methods for a large scale, multi-site qualitative policy evaluation Guell et al P88	Lifestyle interventions for the treatment of overweight/obese adolescents - Cochrane Review Al Khudairy et al P92	The "problem" of Roma health and wellbeing: A critical analysis of European policy perspectives Orton et al P97
	Defining a primary composite outcome from Hospital Episode Statistics data to test the benefit of cardiac magnetic resonance (CMR) imaging after primary percutaneous coronary Pufulete et al P84		What are the views of overweight and obese adolescents (12-17yrs) attending lifestyle treatment interventions: a qualitative systematic review Jones et al P93	Assessing change in physical activity levels in adolescent ethnic groups Bhatnagar et al P98

Guidelines for Oral Presenters

Rooms and Facilities

All presentation rooms will have a PC running PowerPoint (2010 version) and a digital projector. The parallel sessions will be held in a variety of rooms with varying sizes and locations. Check out the characteristics of “your” room beforehand and be prepared. Delegates, should bring a USB memory stick to upload their presentations. For those presenting in the morning session, presentations should be uploaded, ideally by 5pm the day before, for the afternoon session this should be completed by 9am or during the mid-morning refreshment break. There will be technical assistance on both floors and a volunteer will be available in each room to help with uploading your presentation and any other problems.

Timing your Paper

Unless you have been told specifically that you will be presenting in a plenary session, your paper will be presented in a parallel session. Parallel sessions are planned to enable people to move from one room to another between papers and the Chair of each session is under strict instructions to make sure that papers run to time. You will be allocated 15 minutes for the presentation of your paper with 5 minutes for discussion. The Chair will stop your presentation after 15 minutes whether you have finished or not. Using discussion time to complete the paper is unacceptable because you will deny the audience the opportunity of asking questions or commenting on the paper. Please plan the timing of your paper carefully and have a rehearsal with a friendly but critical audience in advance of the conference.

Content of your Paper

Your audience is likely to be fairly well informed about the context of your paper - their interest is likely to focus on the results of your study and your interpretation of them but they will also want to make an assessment of the methods you have used. Keep in mind that the audience does not need to know all of the details of your study - their interest is in the way in which it contributes to an understanding of the wider problem. People with a “special” interest in the topic will speak to you afterwards. The balance between too much data (that people can’t absorb in 15 minutes) and sufficient data for the purposes of the paper is worth thinking about. The balance between evidence and interpretation is similarly important: without labouring the interpretation, leave enough time to explain why your audience should take note of your findings or conclusions. Plan the paper for an informed but not necessarily specialist audience.

The **Cochrane Lecture** (Wednesday 11:30) is given by Professor Jennie Popay on “What happened to the ginger bread man: twenty years of qualitative evidence synthesis”. Jennie has been Professor of Sociology and Public Health at the Institute for Health Research, University of Lancaster since January 2002. She is also the Director of Health R&D North West. This presentation will reprise issues raised in an editorial she and other colleagues published in the Health Education Journal in 1995. The editorial sounded a cautionary note about the growing interest in the health field at that time in qualitative research in general and systematic reviews of this research in particular. The editorial warned that in their desire to make the product of their work more acceptable – to appease the concerns of their quantitative colleagues - qualitative researchers risked sharing the fate of the gingerbread biscuit man who, thinking he was too clever to be eaten by others foolishly accepted a ride over a raging river on the back of a cunning fox, who gobbled him up during the crossing!



Jennie Popay was born in Salford in the North West of England. She spent 5 years teaching in East Africa and studied social sciences in New Zealand before returning to the UK in 1974 to undertake postgraduate work. She began her research career at the Unit for the Study of Health Policy at Guy's Hospital in London and has worked as a sociologist in the public health field ever since. Her research interests include social and gender inequalities in health, the sociology of knowledge, public/community engagement in health decision making and the evaluation of complex social interventions. She has used a range of methods in her work but has a particular interest in developing the role of qualitative research in public health including developing methods for the review and synthesis of qualitative research and mixed method studies. She was founding convenor of the Campbell Collaboration Process Implementation Methods Group and the Cochrane Collaboration Qualitative Methods Group.

The speakers for the discussion event on “**How do we change the social determinants of health and health inequalities?**” (Thursday 13:45) are Professor Sir Michael Marmot and Professor Richard Wilkinson. Michael will talk about how the challenges of getting the evidence on social determinants of health into policy are not diminishing. We can all point to failures, but there are successes as well, both in Europe, and globally. Richard will highlight political role of academic research, and how we can turn research findings into social and political change.



Professor Sir Michael Marmot is Professor of Epidemiology at University College London, and President of the World Medical Association. He is the author of *The Health Gap: the challenge of an unequal world* (2015) and *Status Syndrome: how your place on the social gradient directly affects your health* (2004). Professor Marmot holds the Harvard Lown Professorship for 2014-2017 and is the recipient of the Prince Mahidol Award for Public Health 2015. He has been awarded honorary doctorates from 16 universities. Marmot has led research groups on health inequalities for 40 years. He was Chair of the Commission on Social Determinants of Health (CSDH), which was set up by the World Health Organization in 2005, and produced the report entitled: ‘Closing the Gap in a Generation’ in August 2008. At

the request of the British Government, he conducted the Strategic Review of Health Inequalities in England post 2010, which published its report 'Fair Society, Healthy Lives' in February 2010. This was followed by the European Review of Social Determinants of Health and the Health Divide, for WHO Euro in 2014.

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Invited Speakers

Professor Richard Wilkinson is a social epidemiologist, author and advocate. He is Professor Emeritus of Social Epidemiology at the University of Nottingham. He is also Honorary Professor of Epidemiology and Public Health at University College London and Visiting Professor at University of York. In 2009, Richard co-founded The Equality Trust. Richard was awarded a 2013 Silver Rose Award from Solidar for championing equality and the 2014 Charles Cully Memorial Medal by the Irish Cancer Society. He is best known for his book with Kate Pickett *The Spirit Level*, first published in 2009, which argues that societies with more equal distribution of incomes have better health, fewer social problems such as violence, drug abuse, teenage births, mental illness, obesity, and others, and are more cohesive than ones in which the gap between the rich and poor is greater.



The **Pemberton Lecture** (Wednesday 11:30) is given by Professor Alastair Leyland on "God bless the child: empty pockets and the struggle to reduce inequalities in health". His talk is about the nature of inequalities in mortality in Scotland and their measurement. Little seems to change; deprived areas remain deprived and areas with high mortality rates at one point in time will have high mortality rates years later. Moreover, social interventions will often lead to an increase in inequalities. So what can we do? Come to this lecture and find out!

Alastair is Professor of Population Health Statistics and Associate Director of the MRC/CSO Social and Public Health Sciences Unit. He worked at the Public Health Research Unit at the University of Glasgow and, following its merger with the Medical Sociology Unit, has been working at the MRC/CSO Social and Public Health Sciences

Unit since 1999. Alastair is on the Governing Board of the European Public Health Association (EUPHA), joint President of the Public Health Epidemiology section of EUPHA and serves on the committee of the Society for Social Medicine. He is a fellow of the Faculty of Public Health, a Chartered Statistician and a Fellow of the Royal Statistical Society. He has been an editor of the *European Journal of Public Health* since December 2009 and chaired the European Public Health Conference when it was held in Glasgow in 2014. He served on the NIHR Public Health Research Funding Board from 2009-2015.

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Workshop 1 "Appraisal, revalidation and professional responsibilities as an academic in public health"

Presenters:

Dr Imogen Stephens, Deputy Responsible Officer, Public Health England

Professor Zafar Iqbal, Registrar, UKPHR and Assistant Registrar, FPH

Dr Stephens has led the establishment and development of medical revalidation for public health doctors, which includes those clinical public health academics who have an honorary contract with Public Health England. Professor Iqbal was, until recently, Assistant Registrar at the Faculty of Public Health and, as the recently appointed Registrar for UKPHR, will be responsible for the introduction of revalidation for UKPHR registrants.

Background: Medical revalidation, for GMC-registrants, was introduced in 2012 and requires all GMC-licensed doctors to maintain annual professional appraisal as an integral part of the revalidation process. UKPHR has recently announced the introduction of a revalidation scheme for both specialist and practitioner registrants, to commence from April 2018. Clinical academics who are GMC-registered will have their prescribed connection (for medical revalidation and access to responsible officer) defined by their honorary contract. Approximately 80 public health academics currently have a prescribed connection to PHE for medical revalidation. Other clinical public health academics may be registered with the UKPHR and revalidation / annual professional appraisal therefore beckons. The Follett review of appraisal for clinical academics was published prior to the introduction of revalidation: some inconsistencies are evident but this report has not been updated.

Aims:

By the end of the workshop, participants should be able to:

- Understand fully the professional appraisal requirements for GMC-registered public health academics
- Understand the proposed professional appraisal requirements for UKPHR-registered public health academics
- Understand the 'wider role' of the responsible officer in medical revalidation, and how this relates to their roles as public health academics
- Understand the wider professional requirements as described in Good Medical practice and Good Public Health practice, and their implications for public health academics
- Recognise the significance of the discrepancies between 'Follett-style' appraisal and the post-revalidation approach
- Understand how some of these discrepancies might be best overcome

Target Group:

- GMC-registered clinical public health academics
- UKPHR-registered clinical public health academics
- University heads of department, administrative and HR staff
- Anyone else who is interested in the developmental potential of professional appraisal and its links to quality improvement

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Workshop 2 "Context is crucial in interventions, but how do we examine it?"

Presenters:

Dr Suzanne Audrey, Senior Research Fellow in Public Health, School of Social and Community Medicine, University of Bristol.

Dr Janis Baird, Associate Professor of Public Health Medicine, MRC Lifecourse Epidemiology Unit, University of Southampton.

Dr Baird led the group of researchers who developed guidance on process evaluation within complex intervention studies which has been endorsed by the Medical Research Council and published in the British Medical Journal. Dr Audrey was a key member of the guideline development group and is a co-author of the guidance.

Background: The guidance on process evaluation of complex interventions highlights the importance of context. Context can influence the way an intervention is implemented, the response to implementation, and its effects. However, although the importance of contextual factors is increasingly stated, less emphasis is placed on how to examine context. This workshop begins by summarising the importance of context, and then provides an opportunity to consider case studies where context has been examined and the methods used.

Aims:

By the end of the workshop participants should be able to:

- Understand the importance of examining context when conducting process evaluation, and theorising the role of context in intervention logic models
- Recognise the importance of purposive sampling to include a range of relevant contexts when evaluating interventions
- Identify a range of research methods to examine context
- Recognise the importance of reporting contextual factors that influence the implementation of, and response to, complex public health interventions

Target Group:

The workshop is suitable for anyone with an interest in the evaluation of complex public health interventions. No specific prior knowledge or level of expertise is required.

Workshop 3 "Extending MRC Guidance on Developing and Evaluating Complex Health Interventions"

Presenters:

Laurence Moore, MRC/CSO Social and Public Health Sciences Unit, University of Glasgow

Alicia O'Cathain, School of Health and Related Research (SchARR), University of Sheffield

Susan Browne, MRC/CSO Social and Public Health Sciences Unit, University of Glasgow

Britt Hallingberg, DECIPHer, Cardiff School of Social Sciences, Cardiff University

Jeremy Segrott, Centre for Trials Research, DECIPHer Centre, Cardiff University

Sharon Simpson, MRC/CSO Social and Public Health Sciences Unit, University of Glasgow

Background: The MRC/NIHR Methodology Research Programme has commissioned two studies, INDEX and GUEST, to respectively develop guidance on (1) the development and (2) the feasibility stages of the MRC Guidance on Developing and Evaluating Complex Interventions (Craig et al 2008). Researchers use a range of approaches to developing complex interventions. The field is developing at a rapid rate. The aim of the INDEX study is to produce guidance for researchers on how to develop complex interventions to improve health or health care outcomes.

Subject and Topicality: This workshop is directly relevant to the health services research and population health research interests of SSM members. MRC Guidance has been a key reference point in the field since 2000, and this workshop is a key opportunity for SSM ASM participants to influence the content of the planned new guidance. In this workshop, members of the teams involved in the two projects will briefly inform the audience about the aims and progress of each project. We will then conduct facilitated small group discussions which will solicit input from the workshop participants on key relevant issues. Workshop participants will also be able to have further engagement with the projects beyond the workshop if they wish to do so.

Aims: The participants and organisers will coproduce a set of key points that should be considered by the INDEX and GUEST study teams in the development of their guidance documents. Participants will be aware of the two studies and the challenges and variable practice in development and feasibility testing of complex interventions. The study teams will be aware of participants who are interested in being involved in later parts of the consensus process.

Objectives: Participants will learn about the key challenges in developing complex interventions and conducting exploratory/feasibility research prior to a definitive study of effectiveness. Variation and deficiencies in the conduct and reporting of studies to date will be highlighted. The identification of key points to focus on in the development of new guidance will be a key focus of the discussions and a very useful learning point for participants to improve their knowledge and practice.

Target Group: These should be health services and population health intervention researchers, including those with an interest in intervention theory and content as well as trialists and statisticians. Ideally, some of the participants will be aware of the existing MRC guidance and have experience of its application. However, the workshop will also be accessible to those with an interest to learn about the guidance and its potential value.

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Workshop 4 "Reviewing evidence to support decision-making on changes in service delivery and organisation: practical approaches and challenges "

Presenters:

Duncan Chambers, SchARR, University of Sheffield

Elizabeth Goyder, SchARR, University of Sheffield

Alison Eastwood, York Health Services & Delivery Research Evidence Synthesis Centre, University of York

Background: The NHS in England is currently in the process of developing and implementing plans for widespread transformation of services via 44 area-based Sustainability and Transformation Plans (STPs). The plans include changes to services such as accident and emergency and maternity as well as shifting services from hospitals to primary care and community settings. As such, they could have important impacts on the health of the population and possibly on health inequalities.

It will be important to ensure that decision-making around these plans is informed by the best available research evidence using systematic methods to acquire, appraise and synthesise relevant evidence. This workshop will introduce and discuss the particular challenges of reviewing evidence around service delivery and organisation, including limited quantity/quality of evidence and transferability of findings between different health systems and contexts. We will also discuss methods for adapting the traditional systematic review process to produce rapid but robust syntheses to inform decision-making.

The workshop will be based on our experience of providing a rapid evidence synthesis programme for the NIHR Health Services and Delivery Research Programme and evidence briefing services for NHS commissioners and providers.

Aims: To introduce and discuss a range of methods for reviewing evidence to support decision-making around service delivery, including clarification of review scope, accelerating and/or abbreviating review processes; working with stakeholders; and making use of existing synthesised evidence.

Educational objectives:

- For participants to gain increased knowledge of the range of review methods available
- For participants to gain an understanding of potential challenges that may be encountered during the review process
- To highlight the skills required to conduct future evidence reviews, collaborating with other stakeholders and critically analysing the process of changing service delivery within a publicly funded healthcare system.

Target Group: Researchers and clinicians with an interest in evidence synthesis and/or implementation of evidence into practice. No particular knowledge or expertise will be assumed.

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Workshop 5 "Novel trial designs and analytical methods for evaluating complex public health interventions: a discussion"

Presenters:

Mary Barker, Associate Professor of Psychology, MRC Lifecourse Epidemiology Unit, University of Southampton

Hazel Inskip, Professor of Statistical Epidemiology, MRC Lifecourse Epidemiology Unit, University of Southampton

Philip Pallmann, Senior Research Associate, Lancaster University

Michael Grayling, Statistician, MRC Biostatistics Unit, University of Cambridge

Background: This workshop will discuss how to harness the methodological expertise that exists in social medicine in order to develop new, more efficient trial designs. Many of the major issues in public health today require solutions that involve changes in behaviour and which necessitate the development of effective population-level, sustainable, low-cost, and usually complex, interventions. There are increasing calls for new methods of evaluating these interventions that reflect the complexity of the systems in which we are intervening. This workshop will therefore bring together expertise from across social medicine to discuss novel approaches to trial design and to develop ways of applying these novel designs to the evaluation of complex public health interventions.

Recent research in the area of trial design is producing novel methods of hypothesis testing in clinical sciences. These are increasingly being applied in public health and the behavioural sciences. These new designs are aimed at optimizing the effectiveness of interventions through identifying their active components and permitting refining of those interventions in a more agile and cost-effective way than would be possible in a sequence of time consuming and expensive randomised, confirmatory, intervention trials. Optimising interventions in this way is intended to provide more statistical power to detect genuine treatment effects.

Aim:

To bring together those interested in novel designs for trials of complex public health interventions, to discuss the issues and the challenges. The workshop aims to identify novel trial designs and the issues in implementing them, with a view to producing more efficient trials of complex interventions. The aim will be for participants to work together alongside the facilitators to identify novel approaches and their challenges.

Objectives:

Workshop participants will learn about (a) the challenges in designing and running trials of complex public health interventions, and (b) methods that are being developed to address these challenges.

Target Group:

Those interested in behaviour change interventions, trial design and implementation, statistics and public health.

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Workshop 6 "Thinking creatively about communicating your research "

Presenters:

Rebecca Whear, NIHR CLAHRC South West Peninsula (PenCLAHRC), University of Exeter

Jo Thompson Coon, Exeter Medical School, University of Exeter

Background: One of the purposes of SSM is 'promoting the development of scientific knowledge in public health, social medicine and epidemiology' – a key part of this phrasing is 'promotion'. The 'promotion' or 'communication' of research is one important way that scientific knowledge can develop and progress. Without communication of research we cannot benefit from what is already known nor can we identify where the gaps in knowledge exist.

Developing skills to use more creative and engaging methods of communicating research findings beyond peer review publication is becoming more and more necessary as research bids demand substantial details about where your research will be disseminated and how the messages will reach your intended audience and impact on practice. With the growth of social media there are more methods and avenues for sharing information worldwide but with so much information available it is important that our messages are clear, quick to understand and engaging in order to capture attention before the next headline/message/picture replaces it.

We hope the workshop will encourage researchers (and others) to think about how best to communicate their research and how to make that communication work for them and to provide a practical perspective to creating a communication plan, considering target audiences and making messages engaging and relevant.

Aims:

We aim to provide attendees with the tools to start thinking about communicating their research more creatively and to provide practical resources and examples.

Objectives:

Participants will consider how to start thinking more creatively about communicating their research. They will also learn some quick and easy approaches to communicating creatively which they can use immediately. This is applicable/useful to any stage of research design, conduct and dissemination.

Target Group:

This workshop requires no expertise and is appropriate for all levels of researchers and others wishing to increase the reach of their work through creative communication.

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Workshop 7 "Use of Bayesian networks to facilitate evidence synthesis and evaluation of interventions in complex systems"

Presenters:

Professor Richard Lilford, University of Warwick

Professor Alec Morton, The University of Strathclyde

Dr Gavin Stewart, Newcastle University

Dr Samuel Watson, University of Warwick

Dr Yen-Fu Chen, University of Warwick

Background: Evaluations of initiatives to improve health service delivery and public health face many challenges arising from the complexity of the health system (Lilford et al. 2010). Evidence in different forms (both qualitative and quantitative) and of different types (e.g. clinical trials, observational studies and expert opinions) are often required. But this raises the question of how to integrate these diverse sources of information to derive parameters to inform decisions. Commonly used methods of evidence synthesis, such as meta-analyses, are limited in providing the evidence decision makers need in this setting. Bayesian networks can be used to express the joint distribution of many variables and can be used to encode qualitative causal assumptions to facilitate inferences when an intervention has an uncertain effect on a primary outcome but there is good evidence on its effects on intermediary outcomes. Bayesian networks are commonly applied in other disciplines that share the need to assimilate evidence from diverse sources and to explore the relationship between many variables in complex systems, but their uptake seems to be very limited so far in health services research (Chen et al. 2016). The proposed workshop is timely given recent calls for the adoption of novel approaches to tackle methodological challenges in health services research (Stewart et al. 2014, Watson & Lilford 2016), and its objectives fit well with the Society of Social Medicine's aim of promoting methodological and scientific rigour.

Aims: (1) To increase the awareness of Bayesian networks as a potential tool for health service delivery and public health research. (2) To provide an introduction to Bayesian networks to health service researchers and practitioners who are interested in this method. (3) To provide a forum for exchanging experience of using Bayesian networks, discussing the merits and limitations and stimulating further research in the application of this method.

Objectives: At the end of the workshop, participants will be expected to: (1) be familiar with the philosophy of Bayesian approach to data synthesis; (2) know what a Bayesian network is and the potential applications of this method; (3) become aware of examples of applications of Bayesian networks in service delivery research and useful resources.

Target group: While some level of numeracy will facilitate understanding of the method, we assume minimum prior knowledge on Bayesian methods. Any service delivery or public health researchers and practitioners who would like to know more about what Bayesian network is and how it might be useful in planning and evaluating complex service interventions can attend. People who have used or are thinking of developing research using Bayesian networks are also very welcomed to raise their questions and/or share their experience with the audience.

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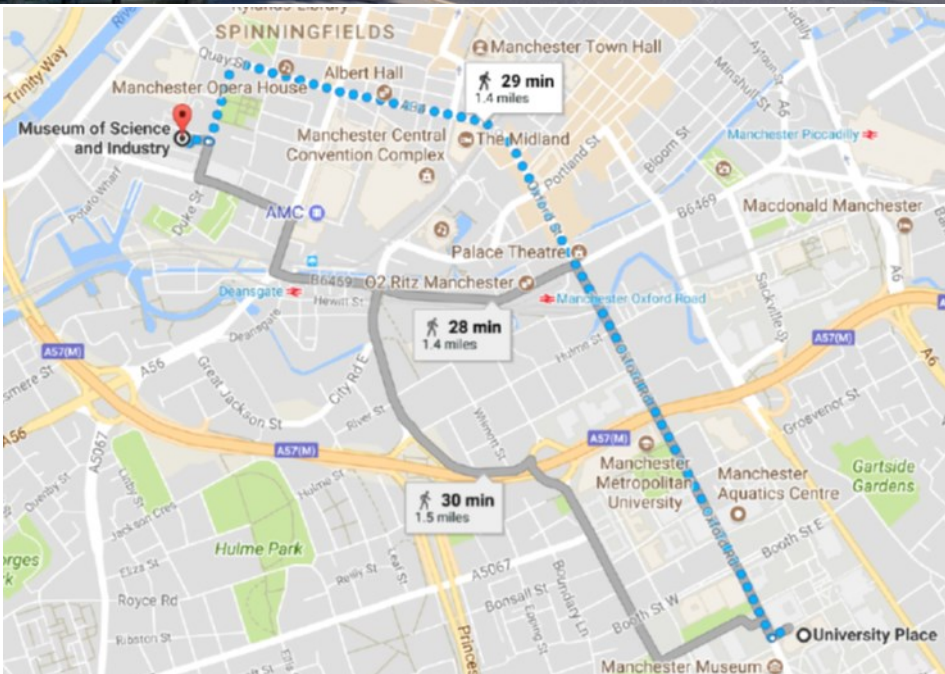
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Self-guided walks

1. The Museum of Science and Industry, Liverpool Road, Manchester M3 4FP

The Museum of Science and Industry (MSI or formerly known as MOSI) in Manchester, England, is a large museum devoted to the development of science, technology and industry with emphasis on the city's achievements in these fields. There are extensive displays on the theme of transport (cars, aircraft, railway locomotives and rolling stock), power (water, electricity, steam and gas engines), Manchester's sewerage and sanitation, textiles, communications and computing. The museum is situated on the site of the world's first railway station – Manchester Liverpool Road – which opened as part of the Liverpool and Manchester Railway in September 1830.



Museum of Science and Industry
Liverpool Road, Manchester, M3 4FP
www.msimanchester.org.uk

Entry Free

Opening times:

Galleries and museum shop

Daily 10.00-17.00

Cafe and bistro

Cafe: Weekdays 08.00-17.00

Cafe: Weekends 09.00-17.00

Bistro: Daily 11.00-16.00

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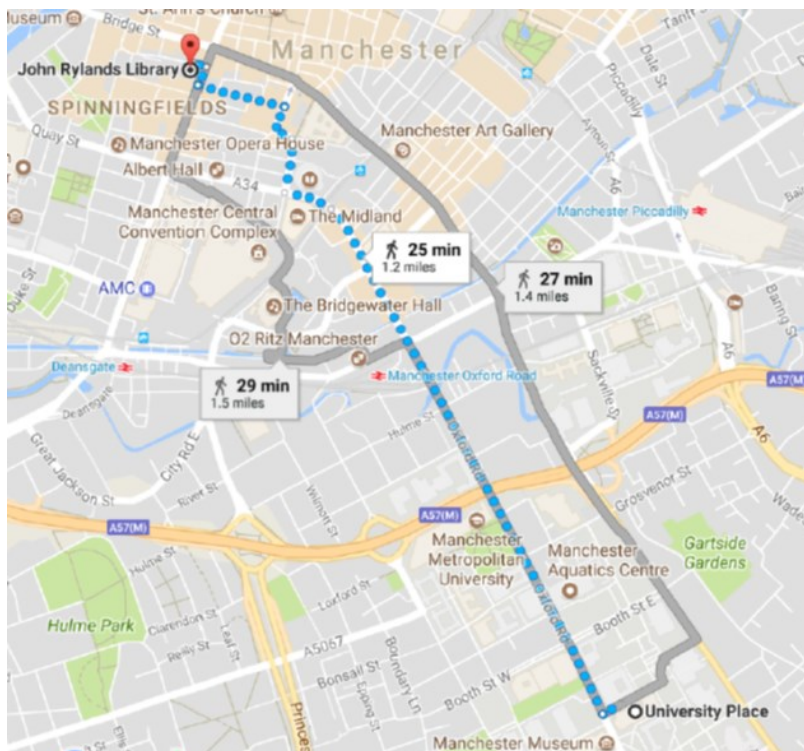


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2. John Rylands Library, 150 Deansgate, Manchester M3 3EH

The John Rylands Library is a late-Victorian neo-Gothic building on Deansgate in Manchester. The special collections, believed to be among the largest in the United Kingdom, include medieval illuminated manuscripts and examples of early European printing, including a Gutenberg Bible. The Rylands Library Papyrus has a claim to be the earliest extant New Testament text. The architectural style is primarily neo-Gothic with elements of Arts and Crafts Movement in the ornate and imposing gatehouse facing Deansgate which dominates the surrounding streetscape.



The John Rylands Library

150 Deansgate, Manchester, M3 3EH

www.library.manchester.ac.uk/rylands/

Entry Free

Opening times:

Monday: 12.00-17.00

Tuesday-Saturday: 10.00-17.00

Sunday: 12.00-17.00

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3. Whitworth Art Gallery, Oxford Road, Manchester M15 6ER

The Whitworth has notable collections of watercolours, sculptures, wallpapers and textiles. The gallery focuses on modern artists, and the art collections include works by Henry Moore, Barbara Hepworth, Ford Madox Brown, Eduardo Paolozzi, Francis Bacon, William Blake, David Hockney, L. S. Lowry, Paul Gauguin, Vincent van Gogh and Pablo Picasso, and a fine collection of works by J. M. W. Turner. One of its most famous works is the marble sculpture Genesis by Sir Jacob Epstein.



Whitworth Art Gallery

Oxford Road, Manchester, M15 6ER

www.whitworth.manchester.ac.uk/

Entry Free

Opening times:

Gallery and shop

Monday-Wednesday 10.00-17.00

Thursday 10.00-21.00

Friday-Sunday 10.00-17.00

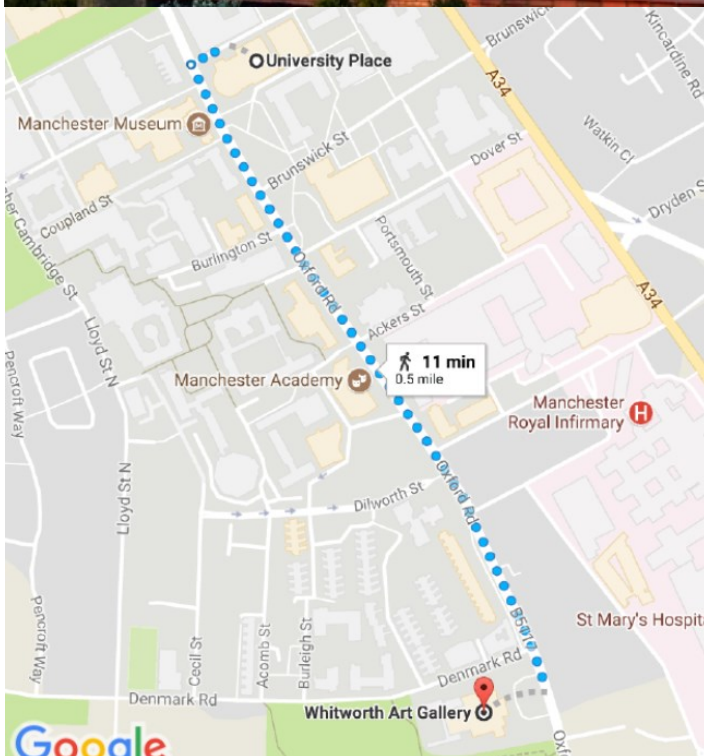
Whitworth Cafe

Monday-Wednesday 09.00-17.00

Thursday 9.00-21.00

Friday-Saturday 9.00-17.00

Sunday 10.00-17.00



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It covers a range of subjects including epidemiology, the medical and health needs of society, health services, and the prevention of disease.

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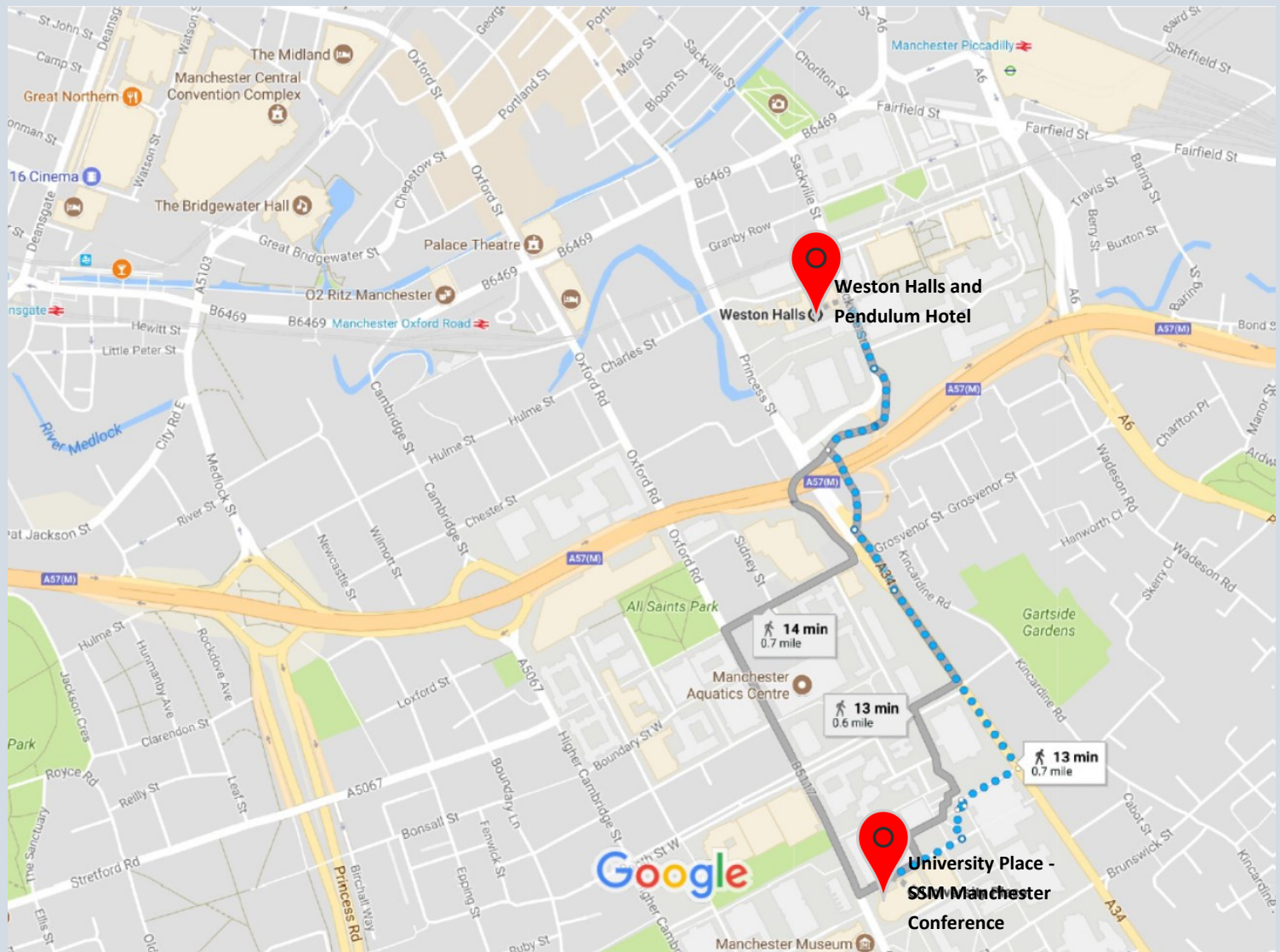
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International Society

0161 275 4959

www.internationalsociety.org.uk

Disability Support Office

0161 275 7512

www.manchester.ac.uk/disability

IT Support

0161 306 5544

www.itservices.manchester.ac.uk

Emergency Dental Hotline

0845 601 8529

Campus Map

www.manchester.ac.uk/aboutus/travel/

Local pharmacy

www.nhs.uk/livewell/pages/

Campus Security

0161 306 9966

Local Police Station

Longsight Police Station — 0161 856 4223

Emergency Services

Police, ambulance and fire—999

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