

JOURNAL OF
EPIDEMIOLOGY
& Community Health

The Society for Social Medicine
46th Annual Scientific Meeting
Liverpool
11–13 September 2002

Contents

- i Basic programme
- ii Timetable
- A1 Abstracts

The Society for Social Medicine 46th Annual Scientific Meeting: 11th–13th September 2002 Programme

Wednesday 11th September

- 11.30–17.00 **Registration** (Sherrington Building – Seminar Room 1)
- 13.45 **Plenary – Welcome** (Sherrington Building – Lecture Theatre (LT) 2)
- 14.00 **Cochrane Lecture**
Professor Catherine Peckham, Institute of Child Health. *Science to Policy: HIV and other fetal and childhood infections*
- 15.00–15.15 **Tea & Coffee** (Sherrington Building Foyer)
- 15.15–16.30 **Plenary Session** (Sherrington Building – LT 2)
RC Wilson. *Primary care geography the conundrum of responsible or resident populations* (abstract on page A1)
GD Batty *et al.* *Intelligence in childhood and mortality, migration, questionnaire response rate, and self-reported morbidity and risk factor levels in adulthood: preliminary findings from the Aberdeen 'Children of the 1950s' study* (abstract on page A1)
J Elford *et al.* *High risk sexual behaviour increases among London gay men between 1998–2001: what is the role of HIV optimism?* (abstract on page A1)
- 16.30–16.45 **Tea & Coffee** (Sherrington Building Foyer)
- 16.45–17.45 **AGM** (Sherrington Building – LT 2)
- 17.45–18.00 **Buses to Halls**
- 17.45–18.30 **Check In Halls of Residence**
- 18.30–18.45 **Buses to Civic Reception**
- 19.00–20.00 **Civic Reception** (Liverpool Town Hall)
- 20.30–24.00 **Buffet & live music** (The Cavern)
Buses back to Hall – Early bus (Flexible timing) and 24.00 buses back to Hall
- OR**
- 18.30–19.30 **Dinner in Halls** (Halls of Residence Dining Hall)
- 19.30–23.00 **Quiet Bar** (Halls of Residence)

Thursday 12th September

- 7.30–8.15 **Breakfast** (Halls of Residence Dining Hall)
- 8.20 **Buses from Halls to University**
- 8.30–14.00 **Registration/Information desk** (Foresight Centre – South Atrium)
- 9.00–9.25 **Invited speaker** Kevin Grumbach, University of California San Francisco (Sherrington Building – LT 2)
The HMS HMO: American managed care imperialism and the future of the NHS

- 9.35–11.10 **5 Parallel Sessions** (4 papers per session) (Foresight Centre)
- 11.10–11.30 **Tea & Coffee with Posters** (Foresight Centre – The Chapel and Corridor)
- 11.30–13.05 **5 Parallel Sessions** (4 papers per session) (Foresight Centre)
- 13.15–14.00 **Lunch** (Metropolitan Cathedral Crypt)
- 14.00–17.30 **Visits and workshops**
- 19.00 **Buses from Halls to Annual SSM Dinner**
- 19.30–23.30 **Annual SSM Dinner and disco** (Liverpool Maritime Museum)
- 23.30–24.00 **Bus back to Halls (Earlier bus to halls also provided)**
- OR**
- 18.30–19.30 **Dinner in Halls** (Halls of Residence Dining Hall)
- 19.30–23.00 **Quiet Bar** (Halls of Residence)

Friday 13th September

- 7.30–8.15 **Breakfast** (Halls of Residence Dining Hall)
- 8.20 **Buses from Halls to University**
- 8.30–15.15 **Registration/Information desk** (Foresight Centre – South Atrium)
- 9.00–11.00 **5 Parallel sessions** (5 papers per session) (Foresight Centre)
- 11.00–11.20 **Tea & Coffee with Posters** (Foresight Centre: The Chapel & Corridor)
- 11.20–12.30 **5 Parallel Sessions** (3 papers per session) (Foresight Centre)
- 12.35–13.25 **Lunch** (Metropolitan Cathedral Crypt)
- 13.35–15.15 **Plenary Session** (Sherrington Building – LT 2)
Invited speaker John Lynch, University of Michigan. *What is the Relevance of Social Capital to Public Health?*
S Ziebland *et al.* *Is 'watchful waiting' a real choice for men with prostate cancer? A qualitative study* (abstract on page A2)
C Dowrick *et al.* *Urban-rural differences in the occurrence of depressive disorder in Europe: evidence from the ODIN study* (abstract on page A2)
RM Martin *et al.* *Association between infant nutrition and blood pressure in early adulthood: the Barry Caerphilly Growth cohort study* (abstract on page A2)
- 15.15 **Close of Conference**

Concurrent scientific sessions (abstract page numbers are shown in brackets)				
Thursday 12th September				
Session 1 (The Gallery)	Session 2 (Chandler Room)	Session 3 (Thornton Room)	Session 4 (Larrinaga Room)	Session 5 (Halsall Room)
Inequality I	Risk Factors	HSR I	Obesity and Diabetes	Pregnancy and Parenting
09.35–09.55 <i>Comparing the health status of urban and rural populations</i> KA Levin (A2)	09.35–09.55 <i>Helicobacter pylori infection and coronary heart disease in the Cork 5C study: a possible link between infection and inflammation?</i> S O'Sullivan <i>et al</i> (A4)	09.35–09.55 <i>Dead easy?: An analysis of the production of death certificates and suggestions for change</i> A Clarke <i>et al</i> (A5)	09.35–09.55 <i>Trends in BMI of young adults: results from Glasgow University students born 1918 to 1951</i> M Okasha <i>et al</i> (A6)	09.35–09.55 <i>Red cell folate levels in non-pregnant women aged 20–34 years in Southampton</i> HM Inskip <i>et al</i> (A7)
10.00–10.20 <i>Age-specific differences in area mortality effects</i> AH Leyland (A3)	10.00–10.20 <i>Suppressed versus expressed anger and risk of coronary heart disease and stroke: The Caerphilly study</i> M May <i>et al</i> (A4)	10.00–10.20 <i>Hospital mortality associated with day and time of admission to intensive care units in England, Wales and Northern Ireland</i> H Wunsch <i>et al</i> (A5)	10.00–10.20 <i>Obesity, ethnicity and socioeconomic status in East London school children: findings from the Research in East London Adolescents Community Health Study (RELACHS)</i> SJC Taylor <i>et al</i> (A6)	10.00–10.20 <i>Inequalities in maternal mortality in England and Wales during the twentieth century: what lies behind the changing gradients?</i> A Macfarlane (A8)
10.25–10.45 <i>Environmental and socio-economic health equity in England and Wales</i> BW Wheeler <i>et al</i> (A3)	10.25–10.45 <i>Influence of height, leg and trunk length on pulse pressure</i> C Langenberg <i>et al</i> (A4)	10.25–10.45 <i>Deprivation and risk of unplanned emergency medical readmission. What the performance indicators will not tell</i> G Liratsopoulos <i>et al</i> (A5)	10.25–10.45 <i>Prevalence of diagnosed diabetes mellitus in general practice in England and Wales, 1994 to 1998</i> R Ryan <i>et al</i> (A7)	10.25–10.45 <i>Parenting and public health: systematic review of cohort studies investigating the link between relationships in the home during childhood and physical health and disease in later life</i> S Stewart-Brown <i>et al</i> (A8)
10.50–11.10 <i>Life expectancy by socio-economic status</i> A Donkin <i>et al</i> (A3)	10.50–11.10 <i>Height, leg length and risk of asymptomatic prostate cancer</i> SE Oliver <i>et al</i> (A4)	10.50–11.10 <i>Assessment of long-term public health benefits from short-term interventions: obesity as a case study</i> LS Aucott <i>et al</i> (A6)	10.50–11.10 <i>Testing the validity of the Framingham equation in Type 2 diabetes: A UK community-based 4-year prospective study</i> R Mehta <i>et al</i> (A7)	10.50–11.10 <i>The parental process of making decisions to help their overweight child</i> LD Edmunds (A8)
TEA AND COFFEE	TEA AND COFFEE	TEA AND COFFEE	TEA AND COFFEE	TEA AND COFFEE
Coronary Heart Disease and Stroke	Mental Health I	Health Behaviours	Life Course	Policy and Population Health
11.30–11.50 <i>Coronary heart disease among diabetic and non-diabetic people – socio-economic and gender differences in incidence, prognosis and mortality</i> I Keskimaki <i>et al</i> (A8)	11.30–11.50 <i>Mental health problems at work: a major cause of concern</i> F Ford <i>et al</i> (A10)	11.30–11.50 <i>Understanding smoking in Bangladeshi and Pakistani adults: implications for smoking cessation policy and practice</i> J Bush <i>et al</i> (A11)	11.30–11.50 <i>Does maternal childhood environment affect the birth weight of her offspring?</i> E Hyppönen <i>et al</i> (A12)	11.30–11.50 <i>Fluoridation and tooth erosion in 14-year old school children</i> S Taylor <i>et al</i> (A13)
11.55–12.15 <i>Explaining the decline in coronary heart disease mortality in England and Wales, 1981–2000</i> B Unal Aslan <i>et al</i> (A9)	11.55–12.15 <i>Positive steps on the path to employment: returning to work after mental health problems</i> K Canvin and F Ford (A10)	11.55–12.15 <i>The effect of home environment on smoking cessation</i> G Norrie (A11)	11.55–12.15 <i>Birth weight in offspring and insulin resistance in late adulthood: British Women's Heart and Health Study</i> DA Lawlor <i>et al</i> (A12)	11.55–12.15 <i>Effect of eradication of Helicobacter pylori infection in the community on the incidence of dyspepsia</i> JA Lane <i>et al</i> (A14)
12.20–12.40 <i>Reducing coronary heart disease mortality in England and Wales by increasing the uptake of cardiological treatments</i> S Capewell <i>et al</i> (A9)	12.20–12.40 <i>A longitudinal analysis of social position and minor psychiatric morbidity</i> P Schofield <i>et al</i> (A10)	12.20–12.40 <i>Predictors of a 'prudent' diet amongst women aged 20–34 living in Southampton</i> S Shore <i>et al</i> (A11)	12.20–12.40 <i>Early emergence of risk of type 2 diabetes and cardiovascular disease among South Asians: new evidence from a study of adolescents</i> PH Whincup <i>et al</i> (A13)	12.20–12.40 <i>Impact of an intervention to reduce outdoor air pollution on hospital admissions for asthma in children</i> B Olowokure <i>et al</i> (A14)
12.45–13.05 <i>Secular trends in mortality by stroke subtype over the twentieth century: resolution of the stroke-coronary heart disease paradox?</i> S Ebrahim <i>et al</i> (A9)	12.45–13.05 <i>Predictors of depressive symptoms in older people: a survey of two general practice populations</i> T Harris <i>et al</i> (A11)	12.45–13.05 <i>Diet in pre-school children: who eats fruit and vegetables?</i> P Emmett <i>et al</i> (A12)	12.45–13.05 <i>Social inequalities in height: lifecourse and inter-generational trends</i> L Li <i>et al</i> (A13)	12.45–13.05 <i>The health impacts of new roads: a systematic review</i> M Egan <i>et al</i> (A14)

**Concurrent scientific sessions (abstract page numbers are shown in brackets)
Friday 13th September**

Session 1 (The Gallery) Inequality II	Session 2 (Chandler Room) CVD Treatment	Session 3 (Thornton Room) HSR II	Session 4 (Larrinaga Room) Health of Older People	Session 5 (Halsall Room) Early Life Risk Factors
09.00–09.20 <i>Does getting a degree eliminate the influence of childhood socio-economic status on adulthood self-rated health problems and disability?</i> WA Markham <i>et al</i> (A14)	09.00–09.20 <i>Is coronary revascularisation underused among older people? Prospective findings from the ACRE study</i> S Gnani <i>et al</i> (A16)	09.00–09.20 <i>The impact of a NHS walk-in centre on local primary health care services</i> RT Hsu <i>et al</i> (A17)	09.00–09.20 <i>Why do older people opt-out of research studies?</i> IK Crombie <i>et al</i> (A19)	09.00–09.20 <i>Low birth weight and blood pressure in adolescence and early adulthood</i> POD Pharoah (A20)
09.25–09.45 <i>Childhood IQ, social class, deprivation and their relationships with mortality and morbidity risk in later life: linking the Scottish Mental Survey 1932 and the MIDSPAN studies</i> CL Hart <i>et al</i> (A15)	09.25–09.45 <i>What are the benefits associated with meeting the National Service Framework targets for Acute Myocardial Infarction?</i> D Chase <i>et al</i> (A16)	09.25–09.45 <i>Questionnaire survey of users of NHS walk-in centres: observational study</i> C Salisbury <i>et al</i> (A18)	09.25–09.45 <i>Nurse-led case management of older patients in general practice: an evaluation</i> J Townsend <i>et al</i> (A19)	09.25–09.45 <i>Influence of size at birth on the cardiovascular risk profile of contemporary British adolescents</i> CG Owen <i>et al</i> (A20)
09.50–10.10 <i>Modelling social inequalities in health over time: a latent class and latent growth curve application</i> RD Wiggins <i>et al</i> (A15)	09.50–10.10 <i>Use of statins in the secondary prevention of CHD: is treatment equitable?</i> FDA Reid <i>et al</i> (A16)	09.50–10.10 <i>Commissioning in the NHS: a qualitative analysis of primary care trusts and NHS trusts</i> K Baxter <i>et al</i> (A18)	09.50–10.10 <i>Social activity and long-term mortality among older people</i> PA Bath and A Gardiner (A19)	09.50–10.10 <i>Birth weight, childhood body size and adult muscle strength: a life course study</i> D Kuh <i>et al</i> (A21)
10.15–10.35 <i>Trend effects of socio-economic position and mobility on health-related outcomes in the MIDSPAN Family Study</i> A McConnachie <i>et al</i> (A15)	10.15–10.35 <i>Identifying and explaining variation in lipid lowering drug use using the Doctors' Independent Network database</i> DG Cook <i>et al</i> (A17)	10.15–10.35 <i>Non-practising nurses in Wales: who are they and what might bring them back to the NHS?</i> H Snooks <i>et al</i> (A18)	10.15–10.35 <i>The incidence of dementia in England and Wales</i> C McCracken <i>et al</i> (A20)	10.15–10.35 <i>Birth weight, childhood socio-economic environment and cognitive development in the 1958 British birth cohort</i> BJMH Jefferis <i>et al</i> (A21)
10.40–11.00 <i>Mortality of migrants from the Indian sub-continent and duration of residence in England and Wales</i> S Harding (A16)	10.40–11.00 <i>Extent of secondary prevention of coronary heart disease in older women and men: the challenge for the National Service Framework</i> M Walker <i>et al</i> (A17)	10.40–11.00 <i>Writing to patients: impact on patient recall and satisfaction</i> U Perry <i>et al</i> (A18)	10.40–11.00 <i>A conceptual framework of health-related quality of life in people with dementia</i> RH Harwood <i>et al</i> (A20)	10.40–11.00 <i>What effect has low birth weight on school educational attainment?</i> CJ Stevenson <i>et al</i> (A21)
TEA AND COFFEE	TEA AND COFFEE	TEA AND COFFEE	TEA AND COFFEE	TEA AND COFFEE
Cancer	Mental Health II	Sexual Behaviour and HIV	Miscellaneous	Methods
11.20–11.40 <i>Does the distance from paediatric oncology centres affect the quality of life of families with children on cancer chemotherapy?</i> M O'Reilly <i>et al</i> (A21)	11.20–11.40 <i>The social determinants of hospital treated parasuicide: early findings from the National Parasuicide Registry Ireland</i> C Thunhurst <i>et al</i> (A22)	11.20–11.40 <i>Learning about sex: results from Natsal 2000</i> W MacDowell <i>et al</i> (A23)	11.20–11.40 <i>A survey into the quality, content and style of current epidemiological publications</i> T Collier <i>et al</i> (A24)	11.20–11.40 <i>Fasting measurements in epidemiological studies: an unrecognised source of bias</i> JR Emberson <i>et al</i> (A25)
11.45–12.05 <i>Number of lymph nodes identified by pathologists predicts five-year survival of patients with colorectal cancer: observational study of 3638 cases</i> S George <i>et al</i> (A22)	11.45–12.05 <i>Deaths from antidepressants in England and Wales 1993 to 1997: analysis of a national database of drug-related poisoning deaths</i> A Baker <i>et al</i> (A23)	11.45–12.05 <i>Evaluation of bar and gym based peer-led sexual health interventions for gay men in Glasgow and London</i> G Hart <i>et al</i> (A24)	11.45–12.05 <i>The impact of editorial guidelines on the classification of race/ethnicity in the British Medical Journal</i> GTH Ellison and M Rosato (A25)	11.45–12.05 <i>Missing, mediocre or merely obsolete? An evaluation of UK data sources for coronary heart disease</i> J Critchley <i>et al</i> (A25)
12.10–12.30 <i>Geographical inequalities in lung cancer management and survival in South-East England: evidence of variation in access to oncology services?</i> R Jack <i>et al</i> (A22)	12.10–12.30 <i>Cross sectional study to assess the burden of mental disorder in young offenders in a Dorset prison</i> J Parkes <i>et al</i> (A23)	12.10–12.30 <i>HIV/AIDS peer education in the South African workplace: impact on perception of perceived risk</i> N Sloan <i>et al</i> (A24)	12.10–12.30 <i>Glad to be Grey: a restatement of the hypothetico-deductive model</i> K Hopayian (A25)	12.10–12.30 <i>Exploring the relationships between self-rated health, global quality of life, and specific domains of quality of life</i> D Buck <i>et al</i> (A26)