

**Health Systems Research Unit
Research Output 2005/2006**

Peer reviewed publications

Sanders D & **Chopra M** Key challenges in attaining health in an inequitable society: the case study of South Africa *American Journal of Public Health* 2006 96 (1):73-79

Doherty T, Chopra M, Nkonki L, Jackson D & Greiner T. Impact of HIV on infant feeding: They laugh at me when they see me coming with my milk tins *Bulletin World Health Organisation* 2006 12 (2): 79-83

Karaolis, N. Jackson, D. Ashworth, A. Sanders, D. Sogaula, N. McCoy, D. **Chopra, M.** Schofield, C. WHO guidelines for severe malnutrition: are they feasible in rural African hospitals? *Archives of Diseases of Childhood* *in press*

Chopra M & Darnton-Hill I Responding to the crisis in Sub-Saharan Africa: The role of nutrition *Public Health Nutrition*, 9, 544-50

Doherty T, Chopra M, Nkonki L, Jackson D & Lars- Ake Persson What leads to success in exclusive infant feeding in the context of HIV? A longitudinal qualitative interview study. *Journal of Nutrition* 136, 2421-26

Chopra M Mass deworming in Ugandan children is effective but associated malnutrition needs treatment *British Medical Journal invited editorial* 2006 **333**:105

Chopra, M, Kendall, C, Hill, Z, Schaay, N, **Nkonki, LL & Doherty, TM** 'Nothing new': responses to the introduction of antiretroviral drugs in South Africa. *AIDS* 2006, 20, 1975-7.

Chopra M & Ford N. Scaling up health promotion interventions in the era of HIV/AIDS: Challenges for a rights based approach *Health Promotion International* 2006, 1, 53-67

Norman A & **Chopra M** What is needed to increase HIV disclosure in South Africa? A qualitative study of factors related to HIV disclosure in two South African communities with differing rates of HIV disclosure *American Journal of Public Health* *in press*

Jackson D, **Chopra M**, Doherty T, Colvin M, Levin J et al. Operational effectiveness of PMTCT program across 3 districts in South Africa. *AIDS* *in press*

Mathews C, Boon H, Flisher AJ, Schaalma H. Factors associated with teacher's implementation of HIV/AIDS education in secondary schools in Cape Town, South Africa. *AIDS Care* 2006 18(4):388-397.

Ahmed N, Flisher AJ, **Mathews C**, Jansen S, Mukoma W, Schaalma H. Process evaluation of the teacher training for an AIDS prevention programme. **Health Education Research** 2006; Oct;21(5):621-32..

Jaspan H, Berwick JR, Myer L, **Mathews C**, Flisher AJ, Wood RR, Bekker LG. Adolescent HIV prevalence, sexual risk, and willingness to participate in HIV vaccine trials. *Journal of Adolescent Health*. 2006 Nov;39(5):642-8.

Mpofu E, Caldwell L, Smith E, Flisher AJ, **Mathews C**, Wegner L, Vergnani T. Rasch modeling of the structure of health risk behaviour in South African adolescents. *J Appl Meas.* 2006; 7(3): 323-34.

Selikow T, Flisher A, **Mathews C**, Ketye T. Media messaging: A synthesis of lessons from the literature to inform HIV/AIDS prevention amongst young people. *Journal of Child and Adolescent Mental Health* 2006; 18(2): 61-72.

Flisher AJ, **Mathews C**, Mukoma W, Lombard CJ. Secular trends in risk behaviour of Cape Town grade 8 students. *South African Medical Journal.* 2006, 95(3): 630-635.

Heather B Jaspan, Alan J Flisher, Landon Myer, **Catherine Mathews**, Chris Seebregts, Jessica R Berwick, Robin Wood, Linda-Gail Bekker. Brief Report: Methods for collecting sexual behaviour information from South African adolescents - a comparison of paper versus personal digital assistant questionnaires. *Journal of Adolescence.* 2006, Dec 20.

Munro S, Lewin S, Smith H, Engel M, Fretheim A, Volmink J. Adherence to tuberculosis treatment: a qualitative systematic review of stakeholder perceptions. Under revision for PLOS Medicine.

Stein J, **Lewin S**, Fairall L. Hope is the pillar of the universe: Health-care providers' experiences of delivering anti-retroviral therapy in primary health-care clinics in the Free State province of South Africa. *Social Science and Medicine.* In press.

Reeves S, **Lewin S**, Zwarenstein M. Using qualitative interviews within medical education research – why we must raise the 'quality bar'. *Medical Education.* 2006; 40: 291-292

Doherty T, Chopra M. HIV and Infant Feeding. In: South African Health Review 2006. Health Systems Trust: Durban, 2006.

Tomlinson, M., & Swartz, L., & Landman, M. (2006). Insiders and outsiders: levels of collaboration in research partnerships across resource divides. *Infant Mental Health Journal*, 27, 532-543.

Tomlinson, M., & Swartz, L., & Fitzgerald, H. (2006). International collaboration in infant mental health: Pitfalls, challenges, and a way forward. *Infant Mental Health Journal*, 27, 529-531.

Conference presentations: 2006

M Chopra. Multiple conference presentations including plenary presentations at the International Obesity Conference, Sydney, Australia and invited speaker at an international symposium at International AIDS Conference, Toronto 2006

H Jaspan, D Mark, L Myer, A Flisher, **C Mathews**, N Soka, K Middelkoop and L-G Bekker. Recruitment and Sexual Risk Assessment of HIV Negative Adolescents Aged 14 to 17 Years in Preparation for HIV Vaccine Trials. 14th Conference on Retroviruses and Opportunistic Infections, Los Angeles, CA, 25-29th February 2007.

NF Soka, H Jaspan, **C Mathews**, A Flisher, R Wood and LG Bekker. Prospects and challenges of involving adolescents in future HIV Vaccine Trials. The case of Nyanga district youth (14-17 years) in Cape Town, South Africa. XVI International AIDS 2006 Conference, Toronto, Canada, 13th to 18th August 2006.

NF Soka, H Jaspan, **C Mathews**, A Flisher, D Mark R Wood and LG Bekker.
Ethical Aspects of adolescent participation in HIV vaccine trials in the Nyanga district, Cape Town, South Africa. AIDS Vaccine 2006 International Conference, Amsterdam, Netherlands, 29th August to 1st September 2006.

Daniels K, Lewin S. Developing evidence-based obstetrics policies in South Africa: A qualitative case study of magnesium sulphate for the treatment of eclampsia and pre-eclampsia (poster). 25th Conference on Priorities in Perinatal Care in Southern Africa, Champagne sports resort, 7-10 March 2006.

Lewin S, Reeves S. Enacting 'team' and 'teamwork': using Goffman's theory of impression management to help understand interprofessional collaboration on hospital wards (paper). All Together Better Health III: challenges in interprofessional education and practice. London, UK. 10-12 April 2006.

Lewin S, Oxman A. Assessing health care interventions along the complex-simple continuum: a proposal (paper). Medical Research Council (UK) Public Health and Social Research Network workshop on complex interventions. London, UK. 15-16 May 2006.

Munro S, Lewin S, Smith H, Engel M, Fretheim A, & Volmink J. Conducting a meta-ethnography of qualitative tuberculosis treatment adherence studies: a reflection on the process (poster). 7th International Interdisciplinary Conference Advances in Qualitative Methods. Queensland, Australia. 13-15 July 2006.

Munro S, Lewin S, Smith H, Engel M, Fretheim A, & Volmink J. Stakeholder perceptions of factors influencing tuberculosis medication adherence: a meta-ethnography (poster). 7th International Interdisciplinary Conference Advances in Qualitative Methods. Queensland, Australia. 13-15 July 2006.

Lewin S, Glenton C, Oxman A. How are qualitative methods being used alongside complex health service RCTs? A systematic review (paper). 14th Cochrane Colloquium, Dublin, Ireland. 23-26 October 2006.

Lewin S, Munro S, Smith H, Engel M, Fretheim A, & Volmink J. Conducting a meta-ethnography of qualitative tuberculosis treatment adherence studies: a reflection on the process (paper). 14th Cochrane Colloquium, Dublin, Ireland. 23-26 October 2006.

Lewin S, Munro S, Smith H, Engel M, Fretheim A, & Volmink J. Conducting a meta-ethnography of qualitative tuberculosis treatment adherence studies: a reflection on the process (paper). British Sociological Association Medical Sociology Group. Heriot-Watt University. 14-16 September 2006.

Lewin SA, Babigumira SM, Bosch-Capblanch X, Aja G, van Wyk B, Glenton C, Scheel I, Zwarenstein M, Daniels K. Lay health workers in primary and community health care: A systematic review. Launch of the Oslo Satellite of the Cochrane Effective Practice and Organisation of Care Group Symposium. Oslo, Norway. November 10, 2006

Doherty T. Appropriateness of prenatal infant feeding choices by HIV+ women: Implications for infant outcomes. (oral presentation) 2006: **International AIDS Conference**, Toronto

2006: **Public Health Association of South Africa Conference**, Johannesburg.

Doherty T. Appropriateness of formula feeding choices amongst HIV positive women in South Africa. (oral presentation)

Tomlinson, M., Brandt, R., Dawes, A., Bray, R., Mthembu-Salter, L., Swartz, L. (2006). An exploratory study of the impact of primary caregiver HIV infection on caregiving and child developmental outcome in the era of HAART: piloting the methodology. The Social Sciences and HIV/AIDS in Africa: New Insights and Policy Perspectives, Addis Ababa, Ethiopia: 20-22 November.

Tomlinson, M., Chopra, M., Sanders, D., Bradshaw, D., Hendricks, M., Greenfield, D., & Rudan, I. (2006). Setting Priorities in Child Health Research Investments for South Africa. Global Forum for Child Health Research: Correcting the 10/90 gap, Cairo, Egypt: 29 October-2 November.

Tomlinson, M., Cooper, P.J., Landman, M., Swartz, L., Moltano, C., Murray, L., & Stein, A. (2006). The mother-infant relationship and maternal depression in a South African peri-urban settlement: a controlled treatment trial. World Association for Infant Mental Health, 10th World Congress, Paris, France: 7-12 July.

Nkonki L, Doherty T, Hill Z, Chopra M, Schaay N, and Kendall C. (2006). Missed opportunities in PMTCT. Poster presentation: The 3rd Public Health Conference "Making Health Systems Work" PHASA.

Developing evidence-based obstetrics policies in South Africa: a qualitative case study of magnesium sulphate for the treatment of eclampsia and pre-eclampsia
Karen Daniels, Simon Lewin and the PRACTIHC (Pragmatic Randomised Trials in Health Care) policy group.

Munro, S., Lewin, S., Smith, H., Engel, M., Fretheim, A., & Volmink, J. (2006). Abstract quality: a "spoke in the wheel" of meta-syntheses of qualitative studies. Cochrane Qualitative Methods Group Regional Symposium, Adelaide, Australia, 10-11 July, 2006.

Lewin S, Munro S, Smith H, Engel M, Fretheim A, & Volmink J. Conducting a meta-ethnography of qualitative tuberculosis treatment adherence studies: a reflection on the process (paper). 14th Cochrane Colloquium, Dublin, Ireland. 23-26 October 2006.

Lewin S, Munro S, Smith H, Engel M, Fretheim A, & Volmink J. Conducting a meta-ethnography of qualitative tuberculosis treatment adherence studies: a reflection on the process (paper). British Sociological Association Medical Sociology Group. Heriot-Watt University. 14-16 September 2006.

Reports: 2006

Daviuad E & Nkonki L. The Air Services Provided By Red Cross Air Mercy Services: Is It A Good Option For The Northern Cape Department of Health? November 2006

Lewin SA, Babigumira SM, Bosch-Capblanch X, Aja G, van Wyk B, Glenton C, Scheel I, Zwarenstein M, Daniels K. Lay health workers in primary and community health care: A systematic review of trials. A policy brief prepared for the International Dialogue on Evidence-Informed Action to Achieve Health Goals in Developing Countries (IDEAHealth). December 2006. Available from: http://www.who.int/rpc/meetings/LHW_review.pdf

2005

Peer Reviewed Journal Articles

McCoy D, **Chopra M,** Lowenson R et al. Expanding access to anti-retroviral therapy in sub-Saharan Africa: Avoiding the pitfalls and dangers; capitalising on the opportunities American J Public Health 2005 Jan;95(1):18-22

Chopra M, Patel S, Cloete K, Sanders D, Peterson S. Effect of an IMCI intervention on quality of care across four districts in Cape Town, South Africa. *Archive of Diseases of Childhood* 2005 Apr;90(4):397-401.

Scott VE, **Chopra M**, Conrad L, Ntuli A. How equitable is the scaling up of HIV service provision in South Africa? *S Afr Med J*. 2005 Feb;95(2):109-13.

Chopra M, Doherty T, Jackson D & Ashworth A. Quality of HIV counselling across three pilot sites in South Africa. *ACTA Paediatrica* 2005 Vol. 94 Issue 3, p357-364

Chopra M. Inequalities in health in developing countries: Challenges for public health research *Critical Public Health* 2005 March;15(1):19-27

Darnton-Hill I, Webb P, Harvey PW, Hunt JM, Dalmiya N, **Chopra M**, Ball MJ, Micronutrient deficiencies and gender: social and economic costs. *American J Clinical Nutrition*. 2005 May;81(5):1198S-1205S

Sanders D, Todd C & **Chopra M**. Confronting Africa's health care crisis: More of the same will not be enough *British Medical Journal* 2005 331 (7519): 755-758.

De Swardt C, Puoane T, **Chopra M** & Du Toit A. Urban poverty in Cape Town Environment and Urbanisation 2005 17(2):101-111

Lewin S, **Dick J**, Pond P, Zwarenstein M, Aja G, Wyk B, Bosch-Capblanch X, Patrick M. Lay health workers in primary and community health care. *Cochrane Database Syst Rev*. 2005 Jan 25; (1):CD004015.

Lewin S, **Dick J**, Zwarenstein M, Lombard C. Staff education and tuberculosis treatment outcomes: a cluster randomized control trial in South Africa. *Bulletin of the WHO*; 2005; 83(4): 250-259.

Daniels K, Van Zyl H, Clarke M, **Dick J**, Johansson E. Ear to the ground: Listening to farm dwellers talk about the experience of becoming lay health workers. *Health Policy and Practice*. *Health Policy* 2005; 73, 92-103.

Clarke M, **Dick J**, Zwarenstein M, Lombard C, Diwan V. Lay health workers with patient choice of DOT superior to standard TB care systems in a commercial farming area of South Africa amidst health service contraction: a cluster randomised control trial. *Int J Tubercul Dis*. June 2005; 9(6): 673-679.

Daniels K, Van Zyl H, Clarke M, Dick J, Johansson E. Ear to the ground: Listening to farm dwellers talk about the experience of becoming lay health workers. *Health Policy and Practice*. *Health Policy* 2005; 73, 92-103.

Sevene E, **Lewin S**, Mariano A, Woelk G, Oxman AD, Matinhure S, Cliff J, Fernandes B, **Daniels K**. System and market failures: the unavailability of magnesium sulphate for the treatment of eclampsia and pre-eclampsia in Mozambique and Zimbabwe. *BMJ*. 2005; 331: 765-769.

Flisher AJ, **Mathews C**, Gutmacher S, Abdullah F, Myers JE. AIDS prevention through peer education. *S Afr Med J*. 2005. 95(4):245-8.

Mathews C, Guttmacher SG, Flisher AJ, **Mtshizana Y**, **Hani A**, **Zwarenstein M**. Written parental consent in school-based HIV prevention research. *American Journal of Public Health*. 2005; 95(7): 1266-9

C Mathews. Reducing sexual risk behaviours: theory and research, successes and challenges. Chapter in: HIV/AIDS in South Africa. Editors: S Abdool Karim and K Abdool Karim. Cambridge University Press. 2005.

Mathews C, Coetzee N, Zwarenstein M, Guttmacher S. Partner notification. *Clin Evid*. 2005 Dec;(14):1969-75.

Kent A, Myer L, Flisher AJ, **Mathews C**, Lombard C. Introducing HIV/AIDS to South African health sciences students. *Medical Teacher* 2005; 27 (7): 647-9.

Lewin S, **Dick J**, **Zwarenstein M**, Lombard C. Staff training and ambulatory TB treatment outcomes: a cluster randomised controlled trial in South Africa. *Bulletin of the WHO*. 2005; 83(4): 250-259.

Lewin SA, **Dick J**, Pond P, **Zwarenstein M**, Aja G, **van Wyk B**, Bosch-Capblanch X, **Patrick M**. Lay health workers in primary and community health care. *The Cochrane Database of Systematic Reviews* 2005, Issue 1. Art. No.: CD004015. DOI: 10.1002/14651858.CD004015.pub2.

Lewin S, de Gruchy J, London L. Treatment of homosexuality during apartheid: research recommendations need to be implemented. Letter. *eBMJ*. 7 January 2005. Available at <http://bmj.bmjournals.com/cgi/eletters/329/7480/1415#91663>

Sevene E, **Lewin S**, Mariano A, Woelk G, Oxman AD, Matinhure S, Cliff J, Fernandes B, **Daniels K**. System and market failures: the unavailability of magnesium sulphate for the treatment of eclampsia and pre-eclampsia in Mozambique and Zimbabwe. *BMJ*. 2005; 331: 765-769.

Lewin SA, Pond J, Zwarenstein M, Aja G, van Wyk B, Bosch-Capblanch X, Patrick M. Lay Health workers in primary and community health care. *The Cochrane Database of Systematic Reviews* 2005, Issue 4. Art. No.: CD004015. DOI: 10.1002/14651858.CD004015.pub2.

Karen Daniels, Hendrien Van Zyl, Marina Clarke, Judy Dick, Eva Johansson. Ear to the ground: Listening to farm dwellers talk about the experience of becoming lay healthworkers. *Health Policy* 2005; 73, 92-103.

Esperanca Sevene, Simon Lewin, Alda Mariano, Godfrey Woelk, Andy Oxman, Shelia Matinhure, Julie Cliff, Bernidita Fernandes, **Karen Daniels**. System and market failures: the unavailability of magnesium sulphate for the treatment of eclampsia and pre-eclampsia in Mozambique and Zimbabwe. *BMJ* 2005; 331; 765-769

Books/Chapters

Sundin J & **Chopra M**. Health and Social Change: Case studies from Europe and Africa. Linchoping University Press, Sweden 2005

Chopra M Globalisation and Diet. In: Transitions in Health. (eds Lee K & Chapman P) Open University Press, United Kingdom 2005

Chopra M. Globalization, urbanization and nutritional changes in South Africa In: Globalization of food systems in developing countries: impact on food security and nutrition (ed Shetty P). FAO Food and Nutrition Paper 83. FAO Publications, Italy. 2005

Mathews C. Reducing sexual risk behaviours: Theory and research, successes and challenges. Chapter 9 in: HIV/AIDS in South Africa. Eds: SS Abdool Karim and Q Abdool Karim. Cambridge University Press, Cape Town. 2005.

Letters, commentaries: 2005

Lewin S, Zwarenstein M, Dick J. Commentary: Response to Walt and Morrow. *International Journal of Epidemiology*. 2005; 34: 1250-1253.

Lewin S. Bridging the equity gap in maternal and child health: lay health workers may help bridge equity gap in maternal and child health. *BMJ*. 2005 Oct 8;331(7520):844. (letter)

Lewin S, de Gruchy J, London L. Treatment of homosexuality during apartheid: research recommendations need to be implemented. Letter. *eBMJ*. 7 January 2005. Available at <http://bmj.bmjournals.com/cgi/eletters/329/7480/1415#91663>