

Peer-reviewed publications, Dr Peter J White (p.white@imperial.ac.uk)

*Modelling & Economics Unit, Health Protection Agency Centre for Infections, and
Department of Infectious Disease Epidemiology, Imperial College London*
Updated November 2009

Book chapters

White PJ & Garnett GP, Mathematical Modeling of the Epidemiology of Tuberculosis. In: *Infectious Disease Transmission Modeling and Management of Parasite Control*. E Michael, RC Spear, eds. Landes Bioscience (in press).

White PJ & Enright MC, Mathematical models in infectious disease epidemiology. In: *Infectious Diseases 3rd ed*, J Cohen, W Powderly, eds. Elsevier (in press)

Swinton J, ... **White PJ** & Wilson, K. Microparasite transmission and persistence.

In: *The Ecology of Wildlife Diseases*. PJ Hudson, A Rizzoli, BT Grenfell, H Heesterbeek & AP Dobson, eds. Oxford University Press, 2002. pp83–101.

Papers

Nelson SJ, Hughes JP, Foxman B, Aral SO, Holmes KK, **White PJ**, Golden MR. Age- and gender-specific estimates of partnership formation and dissolution rates in the Seattle Sex Survey. *Annals of Epidemiology* (in press).

UNAIDS/WHO/SACEMA Expert Group on Modelling the Impact and Cost of Male Circumcision for HIV Prevention. [Hankins C, Hargrove J, Williams B, Abu Raddad L, Auvert B, Bollinger L, Dorrington R, Ghani A, Gray R, Hallett T, Kahn JG, Lohse N, Nagelkerke N, Porco T, Schmid G, Stover J, Weiss H, Welte A, **White P**, White R.] Male Circumcision for HIV Prevention in High HIV Prevalence Settings: What Can Mathematical Modelling Contribute to Informed Decision Making? *PLoS Medicine* 2009; 6(9): e1000109. doi:10.1371/journal.pmed.1000109

Fox J, **White PJ**, Macdonald N, Weber J, McClure M, Fidler S & Ward H. Reductions in HIV-transmission risk behaviour following diagnosis of primary HIV infection: a cohort of high-risk men who have sex with men. *HIV Medicine* 2009; 10: 432–438.

Health Protection Agency and Health Protection Scotland new influenza A(H1N1) investigation teams. [Pebody R, Joseph C, McLean E, Hawkins C, Kafatos G, Catchpole M, Van Tam J, Kaye P, Green J, **White P**, Phin N, Evans B, Watson J, Ellis J, Birmingham A, Lackenby A, Smith G, Palmer S, Inglis S, Oliver I, Turbitt D, Maguire H, Wreghitt T, Carrington D, Sudhanva M, Brown D, Miller L, Zambon M, McMenamin J, Ramsay C, Blatchford O, Goldberg D, Cowden J, Donaghy M, Eastaway A, Carmen B.] Epidemiology of new influenza A(H1N1) in the United Kingdom, April – May 2009. *Eurosurveillance* 2009;14(19):pii=19213.

Bernabe-Ortiz A, **White PJ**, Carcamo CP, Hughes JP, Gonzales MA, Garcia PJ, Garnett GP & Holmes KK. Clandestine induced abortion in a Latin-American country: incidence, prevalence and risk factors. *Canadian Medical Association Journal* 2009; 180: 298–304.

Garnett GP, **White PJ** & Ward H. Fewer partners or more condoms? Modelling the effectiveness of STI prevention interventions. *Sexually Transmitted Infections* 2008; 84(Suppl II): i4–i11.

Walker PT, Hallett TB, **White PJ** & Garnett GP. Interpreting declines in HIV prevalence: impact of spatial aggregation and migration on expected declines in prevalence. *Sexually Transmitted Infections* 2008; 84(Suppl II): i42–i48.

Mercer CH, Sutcliffe L, Johnson AM, **White PJ**, Brook G, Ross J, Dhar J, Horner P, Keane F, Jungmann E, Sweeney J, Kinghorn G, Garnett GP, Stephenson JM & Cassell JA. How much do delayed health care seeking, delayed care provision and diversion from primary care contribute to the transmission of STIs? *Sexually Transmitted Infections* 2007; 83: 400–405.

Chesson HW & **White PJ**. The influence of epidemic phase on the cost-effectiveness of an STI prevention intervention: an exploratory analysis. *Sexually Transmitted Infections* 2007; 83(Suppl I): i25–i29.

- Hallett TB, **White PJ** & Garnett GP. The appropriate evaluation of HIV prevention interventions: from experiment to full scale implementation.
Sexually Transmitted Infections 2007; 83(Suppl I): i55–i60.
- White PJ**, Ward H & Garnett GP. Is HIV out of control in the UK? An example of analysing patterns of HIV spread using incidence-to-prevalence ratios.
AIDS 2006; 20: 1898–1901.
- Gouws E, **White PJ**, Stover J & Brown T. Short term estimates of adult HIV incidence by mode of transmission: Kenya and Thailand as examples.
Sexually Transmitted Infections 2006; 82(Suppl III): iii51–iii55.
- Campos PE, Buffardi AL, Chiappe M, Buendia C, Garcia PJ, Carcamo CP, Garnett G, **White P** & Holmes KK. Utility of the Determine Syphilis TP rapid test in commercial sex venues in Peru.
Sexually Transmitted Infections 2006; 82: v22–v25.
- White PJ**, Ward H, Cassell JA, Mercer CH & Garnett GP. Vicious and virtuous circles in the dynamics of infectious disease and the provision of health care: gonorrhoea in Britain as an example.
Journal of Infectious Diseases 2005; 192: 824–836.
- Gregson S, Mushati P, **White PJ**, Mlilo M, Mundandi C & Nyamukapa C. Informal Confidential Voting Interview (ICVI) methods and temporal changes in reported sexual risk behaviour for HIV transmission in sub-Saharan Africa.
Sexually Transmitted Infections 2004; 80(Suppl II): ii36–ii42.
- White PJ**, Trout RC, Moss SR, Desai A, Armesto M, Forrester NL, Gould EA & Hudson PJ. Epidemiology of rabbit haemorrhagic disease virus in the UK: evidence for seasonal transmission by both virulent and avirulent modes of infection.
Epidemiology and Infection 2004; 132: 555–567.
- Forrester NL, Boag B, Moss SR, Turner SL, Trout RC, **White PJ**, Hudson PJ & Gould EA. Long-term survival of New Zealand rabbit haemorrhagic disease virus RNA in wild rabbits, revealed by RT-PCR and phylogenetic analysis.
Journal of General Virology 2003; 84: 3079–3086.
- White PJ**, Norman RA & Hudson PJ. Epidemiological consequences of a pathogen having both virulent and avirulent modes of transmission: the case of rabbit haemorrhagic disease virus.
Epidemiology and Infection 2002; 129: 665–677.
- Moss SR, Turner SL, Trout RC, **White PJ**, Hudson PJ, Desai A, Armesto M, Forrester NL & Gould EA. Molecular epidemiology of rabbit haemorrhagic disease virus.
Journal of General Virology 2002; 83: 2461–2467.
- White PJ**, Norman RA, Trout RC, Gould EA & Hudson PJ. The emergence of rabbit haemorrhagic disease virus: will a non-pathogenic strain protect the UK?
Philosophical Transactions of the Royal Society series B – Biological Sciences 2001; 356: 1087–1095.
- White PJ** & Garnett GP. Use of antiviral treatment and prophylaxis is unlikely to have a major impact on the prevalence of herpes simplex virus type 2.
Sexually Transmitted Infections 1999; 75: 49–54.
- Bak J, **White P**, Timar G, Missiaen L, Genazzani AA & Galione A. Nicotinic acid adenine dinucleotide phosphate triggers Ca²⁺ release from brain microsomes.
Current Biology 1999; 9: 751–754.
- White PJ**, Borts RH & Hirst MC. Stability of the human fragile X (CGG)_n triplet repeat array in *Saccharomyces cerevisiae* deficient in aspects of DNA metabolism.
Molecular and Cellular Biology 1999; 19: 5675–5684.
- Hirst MC & **White PJ**. Cloned human FMR1 trinucleotide repeats exhibit a length and orientation dependent instability suggestive of *in vivo* lagging strand secondary structure.
Nucleic Acids Research 1998; 26: 2353–2358.