

Peter MacPherson

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📄 Summary

I am an academic public health physician, specialising in the epidemiology and control of infectious diseases. I have substantial clinical and research experience in global health, and am undertaking a number of studies investigating approaches to improving HIV and TB case-finding, treatment delivery and prevention.

Peer-reviewed publications	102
Grant income (as Principal Investigator)	£14,202,833
Grant income (as Co-Investigator)	£14,345,788
PhD students supervised	9
Masters students supervised	14

👛 Current Positions

Present- January 2023	Professor of Global Public Health School of Health & Wellbeing University of Glasgow
Present- August 2019	Honorary Professor Clinical Research Department London School of Hygiene & Tropical Medicine
Present- September 2017	Honorary Consultant in Communicable Disease Control Cheshire and Merseyside Health Protection Unit UK Health Security Agency

🎓 Education

2017	MFPH (Member of Faculty of Public Health) Faculty of Public Health, UK
2013	PhD (Wellcome Clinical PhD Fellowship) Liverpool School of Tropical Medicine, UK
2010	MRes (Distinction) University of Liverpool, UK
2010	DTM&H (Distinction) Liverpool School of Tropical Medicine, UK
2010	Dip(HIV) (HIV Medicine) College of Family Medicine, South Africa
2005	MPH (Kennedy Memorial Scholar) Harvard School of Public Health, USA
2003	MChB (with Honours) University of Aberdeen Medical School, UK

2014	Best PhD presentation: LSTM Annual PhD conference Liverpool School of Tropical Medicine, UK
2013	Best Abstract Prize: 2nd Annual HIV Treatment as Prevention Conference British HIV Association, UK
2013	Best PhD Poster Prize, Wellcome Trust PhD Investigators Meeting Wellcome Trust, UK
2012	Young Investigator Award. 19th CROI, Seattle Infectious Disease Society of America, USA
2011	Young Investigator Award. 18th CROI Boston Infectious Disease Society of America, USA
2005	Kennedy Memorial Fellowship to attend Harvard University The Kennedy Memorial Trust, UK
2003	The Quincentenary Prize for Best Student in the University University of Aberdeen, UK
2003	The Sir Duguld Baird Medal for Obstetrics and Gynaecology University of Aberdeen, UK
2002	University Prize Committee Award for Academic Achievement University of Aberdeen, UK
2022	The Elizabeth Lockheart Bequest Prize University of Aberdeen, UK
1997	The Dr James Pirie Scholarship to study medicine University of Aberdeen, UK

Grant funding as Principal Investigator

2022-2026	Improving TB diagnosis in high burden countries UNITAID	£11,760,944
2022-2024	Assessing the feasibility, safety and effectiveness of offering same-day antiretroviral therapy to persons with HIV and presumptive tuberculosis: A collaborative multi-country research project in Malawi and Lesotho Swiss National Research Foundation	£600,000
2020-2020	What is the optimum time to start antiretroviral therapy in people with HIV and tuberculosis coinfection: Systematic reviews to inform WHO guidelines WHO	£15,000
2020-2020	Effectiveness of screening for active tuberculosis in the community: systematic reviews to inform WHO guidelines WHO	£15,000
2020-2021	A electronic Patient Locator (ePAL) application for remote high- resolution surveillance of disease Wellcome Institutional Translational Partnership Award	£29,500
2018-2020	Male partner-assisted contact tracing for HIV and tuberculosis in Malawi: a multi-arm cluster-randomised trial (mPATCH-TB) Wellcome/DIFD/MRC Joint Global Health Trials	£112,515
2017-2022	A pragmatic randomised study to optimise screening, prevention and care for tuberculosis and HIV in Malawi (PROSPECT) Wellcome Clinical Research Career Development Fellowship	£1,077,349
2017-2020	A household cluster randomised trial of active case finding for HIV and TB, preventive treatment against TB, and ART initiation to prevent TB disease and transmission. (The HomeACF Study) UK/SA MRC Newton Fund	£210,116
2015-2017	Quality of life in UK adults with multi drug resistant tuberculosis: a prospective cohort study Academy of Medical Sciences Academy of Medical Sciences	£29,883
2009-2013	Investigating delays in equitable access to ART in urban communities in Blantyre, Malawi Wellcome Clinical PhD Fellowship	£352,526

Grant funding as co-investigator

2021-2022	Developing models of care for symptomatic former TB patients in urban Blantyre, Malawi LSTM Director's Catalyst Fund to Dr Jamilah Meghji	£49,996
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2021-2025	Spatial heterogeneity of tuberculosis infection in Blantyre, Malawi: approaches to defining high-risk areas for targeted intervention Wellcome Trust Clinical PhD Fellowship to Dr Hannah Rickman	£374,292
2020-2021	SARS-CoV-2 immunoepidemiology in Wellcome-funded urban and rural cohorts in Malawi : generating evidence to inform regional medium and long term decision making Wellcome	£249,544
2020-2021	Radio+ TB trial development: Determining the optimal regimen for bacteriologically negative, radio- graphically apparent TB diagnosed using new tests MRC-Wellcome-DFID Joint Global Health Trials	£238,807
2020-2024	Integrating genomic and spatial approaches for targeted control of HIV-associated tuberculosis epidemics NIH R01	£3,149,417
2020-2022	Towards host-directed therapies for HIV-associated Tuberculosis LSTM Director's Catalyst Fund to Dr Naomi Walker	£47,345
2020-2024	Chronic Liver Disease in Malawi: a community-based epidemiological study Wellcome Trust Clinical PhD Fellowship to Dr Nicholas Riches	£310,000
2020-2024	How can the outcomes of open tibia fractures in a low-income country be improved? Wellcome Trust Clinical PhD Fellowship to Dr Alex Schade	£458,695
2020-2024	Creating demand for fishermen's schistosomiasis and HIV services (FISH) Wellcome Trust Intermediate Fellowship to Augustine Choko	£728,291
2020-2026	The LIGHT Consortium UK Foreign and Commonwealth Development Office	£7,909,994
2020-2020	Malawi-Liverpool-Wellcome Trust COVID-19 Epidemic Preparedness Wellcome Trust	£249,926
2020-2021	Prospective Multicentre Clinical Trial for the Evaluation of the Accuracy and Diagnostic Yield of the Fujifilm LAM TB Test for the Diagnosis of Tuberculosis in HIV-positive Patients - Fuji-TB Test Evaluation Trial FIND	£78,021
2020-2020	Usability of GeneXpert Omni for rapid, point of care tuberculosis diagnosis: Malawi FIND	£7,168
2019-2022	The cost effectiveness and impact of an optimised TB diagnosis intervention on incidence, prevalence and mortality due to TB in Malawi NIHR-Wellcome Partnership for Global Health Research (Wala Kamchedzera)	£120,000
2019-2023	Computer Aided Screening in Low Resource Settings (CASTLE Study) Wellcome Trust Clinical PhD Fellowship to Dr Rachael Burke	£374,292

PhD Students

2021-2025	Dr Mphatso Phiri Liverpool School of Tropical Medicine, UK (Primary supervisor)	In progress
2021-2024	Dr Hannah Rickman (Wellcome Clinical PhD Fellowship) London School of Hygiene & Tropical Medicine (Secondary Supervisor)	In progress
2021-2024	Leticia Suwedi (Commonwealth Scholar) Liverpool School of Tropical Medicine (Secondary supervisor)	In progress
2020-2024	Mr Alex Schade (Wellcome Clinical PhD Fellow) Liverpool School of Tropical Medicine (Primary supervisor)	In progress
2020-2024	Dr Helen Savage (MRC Doctoral Training Programme) Liverpool School of Tropical Medicine (Primary supervisor)	In progress
2020-2023	Dr Nick Riches (Wellcome Clinical PhD Fellowship) Liverpool School of Tropical Medicine (Primary supervisor)	In progress

2019-2023	Dr Rachael Burke (Wellcome Clinical PhD Fellowship) London School of Hygiene & Tropical Medicine (Secondary supervisor)	In progress
2018-2022	Dr McEwen Khundi London School of Hygiene & Tropical Medicine (Secondary supervisor)	Awarded
2014-2018	Dr Marriott Nliwasa London School of Hygiene & Tropical Medicine (Secondary supervisor)	Awarded

Masters Students

2022-2024	Dr Dickson Kazembe (MPH) Kamauzu University of Health Sciences, Malawi	In progress
2021-2023	Dr Jonny Millar (MSc Global Health) Liverpool School of Tropical Medicine	In progress
2021-2022	Dr Naomi Carter (MSc in Global Health) Liverpool School of Tropical Medicine	Awarded (Distinction)
2020-2024	Dr Symon Chiumia (MPH) Kamauzu University of Health Sciences, Malawi	Awarded
2019-2021	Wala Kamchedzera (MSc Epi, Wellcome Fellowship) London School of Hygiene & Tropical Medicine	Awarded
2019-2021	Dr Bilaal Wilson (MPH) Kamauzu University of Health Sciences, Malawi	Awarded
2019-2021	Dr Andrew Moseray (MSc Global Health) Liverpool School of Tropical Medicine	Awarded
2019-2020	Dr Amir Kirlos (MRes) University of Liverpool	Awarded
2018-2019	Dr Itaro Nakamura Liverpool School of Tropical Medicine	Awarded
2018-2019	Maggie Nyali Kamauzu University of Health Sciences, Malawi	Awarded
2017-2018	Dr Tim Lawes (MRes) University of Liverpool	Awarded
2013-2014	Dr Chigomezgo Munthali (MIPH) Liverpool School of Tropical Medicine	Awarded
2012-2013	Dr Marriott Nliwasa (MSc Epi) London School of Hygiene & Tropical Medicine	Awarded
2011-2012	Dr Oliva Axten (MSc Global Health) Brighton & Sussex Medical School	Awarded

Publications

1. MacPherson EE, Mankhomwa J, Dixon J, Pongolani R, Phiri M, Feasey N, O'Byrne T, Tolhurst R, **MacPherson P** (2023) Household antibiotic use in Malawi: a cross-sectional survey from urban and peri-urban Blantyre. medRxiv 2023.01.08.23284311. <https://doi.org/10.1101/2023.01.08.23284311>
2. Savage HR, Rickman HM, Burke RM, Odland ML, Savio M, Ringwald B, Cuevas L, **MacPherson P** (2022) Accuracy of upper respiratory tract samples to diagnose Mycobacterium tuberculosis: a systematic review and meta-analysis. medRxiv 2022.11.28.22282827. <https://doi.org/10.1101/2022.11.28.22282827>
3. Mungai B, Ong'angò J, Ku CC, Henrion MYR, Morton B, Joekes E, Onyango E, Kiplimo R, Kirathe D, Masini E, Sitienei J, Manduku V, Mugi B, Squire SB, **MacPherson P**, Consortium TI (2022) Accuracy of computer-aided chest X-ray in community-based tuberculosis screening: Lessons from the 2016 Kenya National Tuberculosis Prevalence Survey. PLOS Global Public Health 2:e0001272. <https://doi.org/10.1371/journal.pgph.0001272>
4. McQuaid CF, Henrion MYR, Burke RM, **MacPherson P**, Nzawa-Soko R, Horton KC (2022) Inequalities in the impact of COVID-19-associated disruptions on tuberculosis diagnosis by age and sex in 45 high TB burden countries. BMC Med 20:432. <https://doi.org/10.1186/s12916-022-02624-6>

5. Dodd PJ, Shaweno D, Ku C-C, Glaziou P, Pretorius C, Hayes RJ, **MacPherson P**, Cohen T, Ayles H (2022) Transmission modeling to infer tuberculosis incidence, prevalence, and mortality in settings with generalized HIV epidemics. medRxiv 2022.10.07.22280817. <https://doi.org/10.1101/2022.10.07.22280817>
6. Székely R, Sossen B, Mukoka M, Muyoyeta M, Nakabugo E, Hella J, Nguyen HV, Ubolyam S, Chikamatsu K, Macé A, Vermeulen M, Centner CM, Nyangu S, Sanjase N, Sasamalo M, Dinh HT, Ngo TA, Manosuthi W, Jirajariyavej S, Mitarai S, Nguyen NV, Avihingsanon A, Reither K, Nakiyingi L, Kerkhoff AD, **MacPherson P**, Meintjes G, Denkinger CM, Ruhwald M, Consortium FS (2022) Multicentre accuracy trial of FUJIFILM SILVAMP TB LAM test in people with HIV reveals lot variability. medRxiv 2022.09.07.22278961. <https://doi.org/10.1101/2022.09.07.22278961>
7. Kaswaswa K, **MacPherson P**, Kumwenda M, Mpunga J, Thindwa D, Nliwasa M, Mwapasa M, Odland J, Tomoka T, Chipungu G, Mukaka M, Corbett EL (2022) Effect of patient-delivered household contact tracing and prevention for tuberculosis: A household cluster-randomised trial in Malawi. PLOS ONE 17:e0269219. <https://doi.org/10.1371/journal.pone.0269219>
8. Thindwa D, Jambo KC, Ojal J, **MacPherson P**, Dennis Phiri M, Pinsent A, Khundi M, Chiume L, Gallagher KE, Heyderman RS, Corbett EL, French N, Flasche S (2022) Social mixing patterns relevant to infectious diseases spread by close contact in urban Blantyre, Malawi. *Epidemics* 40:100590. <https://doi.org/10.1016/j.epidem.2022.100590>
9. Mukoka M, Twabi HH, Msefula C, Semphere R, Ndhlovu G, Lipenga T, Sikwese TD, Malisita K, Choko A, Corbett EL, **MacPherson P**, Nliwasa M (2022) Utility of Xpert MTB/RIF Ultra and digital chest radiography for the diagnosis and treatment of TB in people living with HIV: a randomised controlled trial (XACT-TB). *Trans R Soc Trop Med Hyg* trac079. <https://doi.org/10.1093/trstmh/trac079>
10. Kangogo G, Conserve DF, Kayuni S, Kumwenda MK, Dovel KL, Chirombo J, **MacPherson P**, Corbett EL, Butterworth A, Choko AT (2022) Correlates of prior HIV testing and schistosomiasis treatment: baseline survey findings from the “creating demand for fishermen’s schistosomiasis HIV services” (FISH) cluster-randomized trial in Mangochi, Malawi. medRxiv 2022.07.14.22277619. <https://doi.org/10.1101/2022.07.14.22277619>
11. Khundi M, Carpenter JR, Corbett EL, Feasey HRA, Soko RN, Nliwasa M, Twabi H, Chiume L, Burke RM, Horton KC, Dodd PJ, Cohen T, **MacPherson P** (2022) Neighbourhood prevalence-to-notification ratios for adult bacteriologically-confirmed tuberculosis reveals hotspots of underdiagnosis in Blantyre, Malawi. PLOS ONE 17:e0268749. <https://doi.org/10.1371/journal.pone.0268749>
12. Burke RM, Nyirenda S, Twabi HH, Nliwasa M, Joekes E, Walker N, Nyirenda R, Gupta-Wright A, Fielding K, **MacPherson P**, Corbett EL (2022) Design and protocol for a cluster randomised trial of enhanced diagnostics for tuberculosis screening among people living with HIV in hospital in Malawi (CASTLE study). PLOS ONE 17:e0261877. <https://doi.org/10.1371/journal.pone.0261877>
13. Alba S, Rood E, Mecatti F, Ross JM, Dodd PJ, Chang S, Potgieter M, Bertarelli G, Henry NJ, LeGrand KE, Trouleau W, Shaweno D, **MacPherson P**, Qin ZZ, Mergenthaler C, Giardina F, Augustijn E-W, Baloch AQ, Latif A (2022) TB Hackathon: Development and Comparison of Five Models to Predict Subnational Tuberculosis Prevalence in Pakistan. *Tropical Medicine and Infectious Disease* 7:13. <https://doi.org/10.3390/tropicalmed7010013>
14. Savage HR, Finch L, Body R, Watkins RL, LSTM Diagnostics group, CONDOR steering group, Hayward G, Cook E, Cubas-Atienzar AI, Cuevas LE, **MacPherson P**, Adams ER (2022) A prospective diagnostic evaluation of accuracy of self-taken and healthcare worker-taken swabs for rapid COVID-19 testing. PLoS One 17:e0270715. <https://doi.org/10.1371/journal.pone.0270715>
15. Divala TH, Lewis J, Bulterys MA, Lutje V, Corbett EL, Schumacher SG, MacPherson P (2022) Missed opportunities for diagnosis and treatment in patients with TB symptoms: a systematic review. *Public Health Action* 12:10–17. <https://doi.org/doi:10.5588/pha.21.0022>
16. Martinson NA, Lebina L, Webb EL, Ratsela A, Varavia E, Kinghorn A, Lala SG, Golub JE, Bosch Z, Motsomi KP, **MacPherson P** (2021) Household contact tracing with intensified tuberculosis and HIV screening in South Africa: a cluster randomised trial. *Clin Infect Dis* ciab1047. <https://doi.org/10.1093/cid/ciab1047>
17. Feasey HRA, Burke RM, Nliwasa M, Chaisson LH, Golub JE, Naufal F, Shapiro AE, Ruperez M, Telisinghe L, Ayles H, Miller C, Burchett HED, **MacPherson P**, Corbett EL (2021) Do community-based active case-finding interventions have indirect impacts on wider TB case detection and determinants of subsequent TB testing behaviour? A systematic review. *PLOS Global Public Health* 1:e0000088. <https://doi.org/10.1371/journal.pgph.0000088>
18. Moyo M, Lebina L, Milovanovic M, **MacPherson P**, Michel A, Martinson N (2021) Tuberculosis patients at the human-animal interface: Potential zoonothronotic and zoonotic transmission. *One Health* 13:100319. <https://doi.org/10.1016/j.onehlt.2021.100319>
19. Ku C-C, **MacPherson P**, Khundi M, Nzawa Soko RH, Feasey HRA, Nliwasa M, Horton KC, Corbett EL, Dodd PJ (2021) Durations of asymptomatic, symptomatic, and care-seeking phases of tuberculosis disease with a Bayesian analysis of prevalence survey and notification data. *BMC Med* 19:298. <https://doi.org/10.1186/s12916-021-02128-9>

20. Bates MJ, Gordon MRP, Gordon SB, Tomeny EM, Muula AS, Davies H, Morris C, Manthalu G, Namisango E, Masamba L, Henrion MYR, **MacPherson P**, Squire SB, Niessen LW (2021) Palliative care and catastrophic costs in Malawi after a diagnosis of advanced cancer: a prospective cohort study. *The Lancet Global Health* 0: [https://doi.org/10.1016/S2214-109X\(21\)00408-3](https://doi.org/10.1016/S2214-109X(21)00408-3)
21. Telisinghe L, Ruperez M, Amofa-Sekyi M, Mwenge L, Mainga T, Kumar R, Hassan M, Chaisson LH, Naufal F, Shapiro AE, Golub JE, Miller C, Corbett EL, Burke RM, **MacPherson P**, Hayes RJ, Bond V, Daneshvar C, Klinkenberg E, Ayles HM (2021) Does tuberculosis screening improve individual outcomes? A systematic review. *EClinicalMedicine* 40:101127. <https://doi.org/10.1016/j.eclinm.2021.101127>
22. **MacPherson P**, Webb EL, Kamchedzera W, Joeques E, Mjoli G, Lalloo DG, Divala TH, Choko AT, Burke RM, Maheswaran H, Pai M, Squire SB, Nliwasa M, Corbett EL (2021) Computer-aided X-ray screening for tuberculosis and HIV testing among adults with cough in Malawi (the PROSPECT study): A randomised trial and cost-effectiveness analysis. *PLoS Med* 18:e1003752. <https://doi.org/10.1371/journal.pmed.1003752>
23. Twabi HH, Semphere R, Mukoka M, Chiume L, Nzawa R, Feasey HRA, Lipenga T, **MacPherson P**, Corbett EL, Nliwasa M (2021) Pattern of abnormalities amongst chest X-rays of adults undergoing computer-assisted digital chest X-ray screening for tuberculosis in Peri-Urban Blantyre, Malawi: a cross-sectional study. *Trop Med Int Health*. <https://doi.org/10.1111/tmi.13658>
24. Khundi M, Carpenter JR, Nliwasa M, Cohen T, Corbett EL, **MacPherson P** (2021) Effectiveness of spatially targeted interventions for control of HIV, tuberculosis, leprosy and malaria: a systematic review. *BMJ Open* 11:e044715. <https://doi.org/10.1136/bmjopen-2020-044715>
25. Burke RM, Rickman HM, Singh V, Corbett EL, Ayles H, Jahn A, Hosseinipour MC, Wilkinson RJ, **MacPherson P** (2021) What is the optimum time to start antiretroviral therapy in people with HIV and tuberculosis coinfection? A systematic review and meta-analysis. *J Int AIDS Soc* 24:e25772. <https://doi.org/10.1002/jia2.25772>
26. Phiri MM, Makepeace E, Nyali M, Kumwenda M, Corbett L, Fielding K, Choko A, **MacPherson P**, MacPherson EE (2021) Improving pathways to care through interventions cocreated with communities: a qualitative investigation of men's barriers to tuberculosis care-seeking in an informal settlement in Blantyre, Malawi. *BMJ Open* 11:e044944. <https://doi.org/10.1136/bmjopen-2020-044944>
27. Burke RM, Henrion MYR, Mallewa J, Masamba L, Kalua T, Khundi M, Gupta-Wright A, Rylance J, Gordon SB, Masesa C, Corbett EL, Mwandumba HC, **Macpherson P** (2021) Incidence of HIV-positive admission and inpatient mortality in Malawi [2012-2019]: a population cohort study. *AIDS*. <https://doi.org/10.1097/QAD.0000000000003006>
28. Kamchedzera W, Maheswaran H, Squire SB, Joeques E, Pai M, Nliwasa M, G Lalloo D, Webb EL, Corbett EL, **MacPherson P** (2021) Economic costs of accessing tuberculosis (TB) diagnostic services in Malawi: an analysis of patient costs from a randomised controlled trial of computer-aided chest x-ray interpretation. *Wellcome Open Res* 6:153. <https://doi.org/10.12688/wellcomeopenres.16683.1>
29. Morton B, Barnes KG, Ancombe C, Jere K, Matambo P, Mandolo J, Kamng'ona R, Brown C, Nyirenda J, Phiri T, Banda NP, Van Der Veer C, Mndolo KS, Mponda K, Rylance J, Phiri C, Mallewa J, Nyirenda M, Katha G, Kambiya P, Jafali J, Mwandumba HC, Gordon SB, Blantyre COVID-19 Consortium, Cornick J, Jambo KC (2021) Distinct clinical and immunological profiles of patients with evidence of SARS-CoV-2 infection in sub-Saharan Africa. *Nat Commun* 12:3554. <https://doi.org/10.1038/s41467-021-23267-w>
30. Graham SM, Maqungo S, Laubscher M, Ferreira N, Held M, Harrison WJ, Simpson AH, **MacPherson P**, Lalloo DG (2021) Fracture healing in patients with human immunodeficiency virus in South Africa: a prospective cohort study. *J Acquir Immune Defic Syndr*. <https://doi.org/10.1097/QAI.0000000000002720>
31. Burke RM, Nliwasa M, Feasey HRA, Chaisson LH, Golub JE, Naufal F, Shapiro AE, Ruperez M, Telisinghe L, Ayles H, Corbett EL, **MacPherson P** (2021) Community-based active case-finding interventions for tuberculosis: a systematic review. *The Lancet Public Health* 0: [https://doi.org/10.1016/S2468-2667\(21\)00033-5](https://doi.org/10.1016/S2468-2667(21)00033-5)
32. Sohn H, Sweeney S, Mudzengi D, Creswell J, Menzies NA, Fox GJ, MacPherson P, Dowdy DW (2021) Determining the value of TB active case-finding: current evidence and methodological considerations. *The International Journal of Tuberculosis and Lung Disease* 25:171–181. <https://doi.org/10.5588/ijtld.20.0565>
33. Kirolos A, Thindwa D, Khundi M, Burke RM, Henrion MYR, Nakamura I, Divala TH, Nliwasa M, Corbett EL, **MacPherson P** (2021) Tuberculosis case notifications in Malawi have strong seasonal and weather-related trends. *Sci Rep* 11:4621. <https://doi.org/10.1038/s41598-021-84124-w>
34. Feasey HRA, Corbett EL, Nliwasa M, Mair L, Divala TH, Kamchedzera W, Khundi ME, Burchett HED, Webb EL, Maheswaran H, Squire SB, **MacPherson P** (2021) Tuberculosis diagnosis cascade in Blantyre, Malawi: a prospective cohort study. *BMC Infect Dis* (preprint MedRxiv) 21:178. <https://doi.org/10.1186/s12879-021-05860-y>

35. Mungai BN, Joeke E, Masini E, Obasi A, Manduku V, Mugi B, Ong'angò J, Kirathe D, Kiplimo R, Sitienei J, Oronje R, Morton B, Squire SB, **MacPherson P** (2021) 'If not TB, what could it be?' Chest X-ray findings from the 2016 Kenya Tuberculosis Prevalence Survey. *Thorax* 76:607–614. <https://doi.org/10.1136/thoraxjnl-2020-216123>
36. Wingfield T, Karmandwala F, **MacPherson P**, Millington KA, Walker NF, Squire SB (2021) Challenges and opportunities to end tuberculosis in the COVID-19 era. *The Lancet Respiratory Medicine* S2213-2600:161–2. [https://doi.org/10.1016/S2213-2600\(21\)00161-2](https://doi.org/10.1016/S2213-2600(21)00161-2)
37. Soko RN, Burke RM, Feasey HR, Sibande W, Nliwasa M, Henrion MY, Khundi M, Dodd PJ, Ku CC, Kawalazira G (2021) Effects of Coronavirus Disease Pandemic on Tuberculosis Notifications, Malawi. *Emerg Infect Dis* 27:. <https://doi.org/10.3201/eid2707.210557>
38. Schade A, Nyamulani N, Banza L, Metcalfe A, Leather A, Madan J, Lallloo D, Harrison W, **MacPherson P** (2021) Protocol for a prospective cohort study of open tibia fractures in Malawi with a nested implementation of open fracture guidelines [version 1; peer review: awaiting peer review]. *Wellcome Open Research* 6:. <https://doi.org/10.12688/wellcomeopenres.17145.1>
39. Schade AT, Mbowuwa F, Chidothi P, **MacPherson P**, Graham SM, Martin C, Harrison WJ, Choko L (2021) Epidemiology of fractures and their treatment in Malawi: Results of a multicentre prospective registry study to guide orthopaedic care planning. *PLoS One* 16:e0255052. <https://doi.org/10.1371/journal.pone.0255052>
40. **MacPherson P**, Williams C, Burke R, Barer M, Esmail H (2021) Before the whistle blows: developing new paradigms in tuberculosis screening to maximise benefit and minimise harm [version 1; peer review: awaiting peer review]. *Wellcome Open Research* 6:. <https://doi.org/10.12688/wellcomeopenres.16506.1>
41. Khundi M, **MacPherson P**, Feasey HRA, Soko RN, Nliwasa M, Corbett EL, Carpenter JR (2021) Clinical, health systems and neighbourhood determinants of tuberculosis case fatality in urban Blantyre, Malawi: a multilevel epidemiological analysis of enhanced surveillance data. *Epidemiol Infect* 149:. <https://doi.org/10.1017/S0950268821001862>
42. Burke RM, Rickman HM, Singh V, Kalua T, Labhardt ND, Hosseinipour M, Wilkinson RJ, **MacPherson P** (2021) Same-day antiretroviral therapy initiation for people living with HIV who have tuberculosis symptoms: a systematic review. *HIV Med* n/a: <https://doi.org/10.1111/hiv.13169>
43. Yates TA, Cooke GS, **MacPherson P** (2020) Rational use of SARS-CoV-2 polymerase chain reaction tests within institutions caring for the vulnerable. *F1000Res* 9:671. <https://doi.org/10.12688/f1000research.24872.1>
44. Johnson C, Neuman M, **MacPherson P**, Choko A, Quinn C, Wong VJ, Hatzold K, Nyrienda R, Ncube G, Baggaley R, Terris-Prestholt F, Corbett EL (2020) Use and awareness of and willingness to self-test for HIV: an analysis of cross-sectional population-based surveys in Malawi and Zimbabwe. *BMC Public Health* 20:779. <https://doi.org/10.1186/s12889-020-08855-7>
45. Divala T, Burke RM, Ndeketa L, Corbett EL, **MacPherson P** (2020) Africa faces difficult choices in responding to COVID-19. *Lancet*. [https://doi.org/10.1016/S0140-6736\(20\)31056-4](https://doi.org/10.1016/S0140-6736(20)31056-4)
46. Wingfield T, Cuevas LE, **MacPherson P**, Millington KA, Squire SB (2020) Tackling two pandemics: a plea on World Tuberculosis Day. *The Lancet Respiratory Medicine* 8:536–8. [https://doi.org/10.1016/S2213-2600\(20\)30151-X](https://doi.org/10.1016/S2213-2600(20)30151-X)
47. Divala TH, Fielding KL, Sloan DJ, French N, Nliwasa M, **MacPherson P**, Kandulu CC, Chiume L, Chilanga S, Ndaferankhande MJ, Corbett EL (2020) Accuracy and consequences of using trial-of-antibiotics for TB diagnosis (ACT-TB study): protocol for a randomised controlled clinical trial. *BMJ Open* 10:e033999. <https://doi.org/10.1136/bmjopen-2019-033999>
48. Meghji J, Lesosky M, Joeke E, Banda P, Rylance J, Gordon S, Jacob J, Zonderland H, **MacPherson P**, Corbett EL, Mortimer K, Squire SB (2020) Patient outcomes associated with post-tuberculosis lung damage in Malawi: a prospective cohort study. *Thorax* 75:269–278. <https://doi.org/10.1136/thoraxjnl-2019-213808>
49. Bates MJ, Muula A, Gordon S, Henrion M, Tomeny E, **MacPherson P**, Squire B, Niessen L (2020) Study protocol for a single-centre observational study of household wellbeing and poverty status following a diagnosis of advanced cancer in Blantyre, Malawi - 'Safeguarding the Family' study. *Wellcome Open Research* 5:2. <https://doi.org/10.12688/wellcomeopenres.15633.1>
50. Mair L, Corbett EL, Feasey HRA, Kamchedzera W, Khundi M, Lallloo DG, Maheswaran H, Nliwasa M, Squire SB, Webb EL, **MacPherson P** (2020) Provider-initiated HIV testing and TB screening in the era of universal coverage: Are the right people being reached? A cohort study in Blantyre, Malawi. *PLoS ONE* 15:e0236407. <https://doi.org/10.1371/journal.pone.0236407>
51. **MacPherson P**, Lebina L, Motsomi K, Bosch Z, Milovanovic M, Ratsela A, Lala S, Variava E, Golub JE, Webb EL, Martinson NA (2020) Prevalence and risk factors for latent tuberculosis infection among household contacts of index cases in two South African provinces: Analysis of baseline data from a cluster-randomised trial. *PLoS ONE* 15:e0230376. <https://doi.org/10.1371/journal.pone.0230376>

52. Choko AT, Jamil MS, **MacPherson P**, Corbett E, Chitembo L, Ingold H, Aza EB, d'Elbee M, DiCarlo M, Majam M, Schewchuk T, Wong V, Baggaley R, Johnson C (2020) Measuring linkage to HIV treatment services following HIV self-testing in low-income settings. *Journal of the International AIDS Society* 23:e25548. <https://doi.org/10.1002/jia2.25548>
53. **MacPherson P**, Webb EL, Variava E, Lala SG, Milovanovic M, Ratsela A, Lebina L, Kinghorn A, Martinson NA (2019) Intensified household contact tracing, prevention and treatment support versus enhanced standard of care for contacts of tuberculosis cases in South Africa: study protocol for a household cluster-randomised trial. *BMC Infect Dis* 19:839. <https://doi.org/10.1186/s12879-019-4502-5>
54. Nathavitharana RR, Yoon C, **Macpherson P**, Dowdy DW, Cattamanchi A, Somoskovi A, Broger T, Ottenhoff THM, Arinaminpathy N, Lonnroth K, Reither K, Cobelens F, Gilpin C, Denkinger CM, Schumacher SG (2019) Guidance for Studies Evaluating the Accuracy of Tuberculosis Triage Tests. *J Infect Dis* 220:S116–S125. <https://doi.org/10.1093/infdis/jiz243>
55. Wingfield T, MacPherson P, Sodha P, Tucker A, Mithoo J, Squire SB, Cleary P (2019) Contacts of underserved tuberculosis patients have higher odds of TB disease in North West England: a cohort study. *Int J Tuberc Lung Dis* 23:337–343. <https://doi.org/10.5588/ijtld.18.0467>
56. Yoon C, Dowdy DW, Esmail H, **MacPherson P**, Schumacher SG (2019) Screening for tuberculosis: time to move beyond symptoms. *Lancet Respir Med* 7:202–204. [https://doi.org/10.1016/S2213-2600\(19\)30039-6](https://doi.org/10.1016/S2213-2600(19)30039-6)
57. Watson V, Dacombe RJ, Williams C, Edwards T, Adams ER, Johnson CC, Mutseta MN, Corbett EL, Cowan FM, Ayles H, Hatzold K, **MacPherson P**, Taegtmeyer M (2019) Re-reading of OraQuick HIV-1/2 rapid antibody test results: quality assurance implications for HIV self-testing programmes. *J Int AIDS Soc* 22 Suppl 1:e25234. <https://doi.org/10.1002/jia2.25234>
58. **MacPherson P**, Khundi M, Nliwasa M, Choko AT, Phiri VK, Webb EL, Dodd PJ, Cohen T, Harris R, Corbett EL (2019) Disparities in access to diagnosis and care in Blantyre, Malawi, identified through enhanced tuberculosis surveillance and spatial analysis. *BMC Med* 17:21. <https://doi.org/10.1186/s12916-019-1260-6>
59. Wingfield T, **MacPherson P**, Cleary P, Ormerod LP (2018) High prevalence of TB disease in contacts of adults with extrapulmonary TB. *Thorax* 73:785–787. <https://doi.org/10.1136/thoraxjnl-2017-210202>
60. **MacPherson P**, Webb EL, Lalloo DG, Nliwasa M, Maheswaran H, Joekes E, Phiri D, Squire B, Pai M, Corbett EL (2018) Design and protocol for a pragmatic randomised study to optimise screening, prevention and care for tuberculosis and HIV in Malawi (PROSPECT Study). *Wellcome Open Research* 3:61. <https://doi.org/10.12688/wellcomeopenres.14598.2>
61. Nliwasa M, **MacPherson P**, Gupta-Wright A, Mwapasa M, Horton K, Odland JØ, Flach C, Corbett EL (2018) High HIV and active tuberculosis prevalence and increased mortality risk in adults with symptoms of TB: a systematic review and meta-analyses. *J Int AIDS Soc* 21:e25162. <https://doi.org/10.1002/jia2.25162>
62. Maheswaran H, Clarke A, **MacPherson P**, Kumwenda F, Lalloo DG, Corbett EL, Petrou S (2018) Cost-Effectiveness of Community-based Human Immunodeficiency Virus Self-Testing in Blantyre, Malawi. *Clin Infect Dis* 66:1211–1221. <https://doi.org/10.1093/cid/cix983>
63. Maheswaran H, Petrou S, Cohen D, **MacPherson P**, Kumwenda F, Lalloo DG, Corbett EL, Clarke A (2018) Economic costs and health-related quality of life outcomes of hospitalised patients with high HIV prevalence: A prospective hospital cohort study in Malawi. *PLOS ONE* 13:e0192991. <https://doi.org/10.1371/journal.pone.0192991>
64. Thindwa D, MacPherson P, Choko AT, Khundi M, Sambakunsi R, Ngwira LG, Kalua T, Webb EL, Corbett EL (2018) Completion of isoniazid preventive therapy among human immunodeficiency virus positive adults in urban Malawi. *The International Journal of Tuberculosis and Lung Disease* 22:273–279. <https://doi.org/10.5588/ijtld.17.0370>
65. Tucker A, Mithoo J, Cleary P, Woodhead M, **MacPherson P**, Wingfield T, Davies S, Wake C, McMaster P, Bertel Squire S (2017) Quantifying the need for enhanced case management for TB patients as part of TB cohort audit in the North West of England: a descriptive study. *BMC Public Health* 17:. <https://doi.org/10.1186/s12889-017-4892-5>
66. **MacPherson P**, Valentine K, Chadderton V, Dardamissis E, Doig I, Fox A, Ghebrehewet S, Hampton T, Mutton K, Sherratt C, McCann CM (2017) An Outbreak of *Pseudomonas Aeruginosa* Infection Linked to a “Black Friday” Piercing Event. *PLoS Curr Outbreaks* 9:. <https://doi.org/10.1371/currents.outbreaks.51af24797f6f856a9861b5ddabc7db58>
67. Maheswaran H, Petrou S, **MacPherson P**, Kumwenda F, Lalloo DG, Corbett EL, Clarke A (2017) Economic Costs and Health-Related Quality of Life Outcomes of HIV Treatment After Self- and Facility-Based HIV Testing in a Cluster Randomized Trial. *J Acquir Immune Defic Syndr* 75:280–289. <https://doi.org/10.1097/QAI.0000000000001373>

68. Keenan A, Ghebrehewet S, Vivancos R, Seddon D, **MacPherson P**, Hungerford D (2017) Measles outbreaks in the UK, is it when and where, rather than if? A database cohort study of childhood population susceptibility in Liverpool, UK. *BMJ Open* 7:e014106. <https://doi.org/10.1136/bmjopen-2016-014106>
69. Ghebrehewet S, **MacPherson P**, Ho A (2016) Influenza. *BMJ* 355:i6258. <https://doi.org/10.1136/bmj.i6258>
70. Horton KC, **MacPherson P**, Houben RMGJ, White RG, Corbett EL (2016) Sex Differences in Tuberculosis Burden and Notifications in Low- and Middle-Income Countries: A Systematic Review and Meta-analysis. *PLoS Med* 13:e1002119. <https://doi.org/10.1371/journal.pmed.1002119>
71. MacPherson P, Squire SB, Cleary P, Davies S, Wake C, Dee K, Walker J, Farrow S, McMaster P, Woodhead M, Sloan DJ, on behalf of the North West TB Audit Steering Committee (2016) Equitable tuberculosis care in the North West of England: analysis of tuberculosis cohort review data. *The International Journal of Tuberculosis and Lung Disease* 20:778–785. <https://doi.org/10.5588/ijtld.15.0772>
72. Hungerford D, Macpherson P, Farmer S, Ghebrehewet S, Seddon D, Vivancos R, Keenan A (2016) Effect of socioeconomic deprivation on uptake of measles, mumps and rubella vaccination in Liverpool, UK over 16 years: a longitudinal ecological study. *Epidemiol Infect* 144:1201–1211. <https://doi.org/10.1017/S0950268815002599>
73. Fitchett JR, **MacPherson P**, Corbett EL (2016) Implementing the End TB Strategy and the intersection with the Sustainable Development Goals, 2016–2030. *Trans R Soc Trop Med Hyg* 110:145–147. <https://doi.org/10.1093/trstmh/trw010>
74. Ferrand RA, Briggs D, Ferguson J, Penazzato M, Armstrong A, **MacPherson P**, Ross DA, Kranzer K (2016) Viral suppression in adolescents on antiretroviral treatment: review of the literature and critical appraisal of methodological challenges. *Trop Med Int Health* 21:325–333. <https://doi.org/10.1111/tmi.12656>
75. Maheswaran H, Petrou S, **MacPherson P**, Choko AT, Kumwenda F, Lalloo DG, Clarke A, Corbett EL (2016) Cost and quality of life analysis of HIV self-testing and facility-based HIV testing and counselling in Blantyre, Malawi. *BMC Med* 14:34. <https://doi.org/10.1186/s12916-016-0577-7>
76. Nliwasa M, MacPherson P, Mukaka M, Mdolo A, Mwapasa M, Kaswaswa K, Msefula C, Chipungu G, Mwandumba HC, Corbett EL (2016) High mortality and prevalence of HIV and tuberculosis in adults with chronic cough in Malawi: a cohort study. *The International Journal of Tuberculosis and Lung Disease* 20:202–210. <https://doi.org/10.5588/ijtld.15.0388>
77. Nliwasa M, **MacPherson P**, Chisala P, Kamdolozi M, Khundi M, Kaswaswa K, Mwapasa M, Msefula C, Sohn H, Flach C, Corbett EL (2016) The Sensitivity and Specificity of Loop-Mediated Isothermal Amplification (LAMP) Assay for Tuberculosis Diagnosis in Adults with Chronic Cough in Malawi. *PLoS ONE* 11:e0155101. <https://doi.org/10.1371/journal.pone.0155101>
78. Kelly C, Gaskell KM, Richardson M, Klein N, Garner P, **MacPherson P** (2016) Discordant Immune Response with Antiretroviral Therapy in HIV-1: A Systematic Review of Clinical Outcomes. *PLoS ONE* 11:e0156099. <https://doi.org/10.1371/journal.pone.0156099>
79. Choko AT, Taegtmeier M, **MacPherson P**, Cocker D, Khundi M, Thindwa D, Sambakunsi RS, Kumwenda MK, Chiumya K, Malema O, Makombe SD, Webb EL, Corbett EL (2016) Initial Accuracy of HIV Rapid Test Kits Stored in Suboptimal Conditions and Validity of Delayed Reading of Oral Fluid Tests. *PLoS ONE* 11:e0158107. <https://doi.org/10.1371/journal.pone.0158107>
80. Lewis JM, **Macpherson P**, Adams ER, Ochodo E, Sands A, Taegtmeier M (2015) Field accuracy of fourth-generation rapid diagnostic tests for acute HIV-1: a systematic review. *AIDS* 29:2465–2471. <https://doi.org/10.1097/QAD.0000000000000855>
81. Choko AT, **MacPherson P**, Webb EL, Willey BA, Feasy H, Sambakunsi R, Mdolo A, Makombe SD, Desmond N, Hayes R, Maheswaran H, Corbett EL (2015) Uptake, Accuracy, Safety, and Linkage into Care over Two Years of Promoting Annual Self-Testing for HIV in Blantyre, Malawi: A Community-Based Prospective Study. *PLoS Med* 12:e1001873. <https://doi.org/10.1371/journal.pmed.1001873>
82. **MacPherson P**, Munthali C, Ferguson J, Armstrong A, Kranzer K, Ferrand RA, Ross DA (2015) Service delivery interventions to improve adolescents' linkage, retention and adherence to antiretroviral therapy and HIV care. *Trop Med Int Health* 20:1015–1032. <https://doi.org/10.1111/tmi.12517>
83. Moscrop A, **MacPherson P** (2014) Should doctors record their patients' income? *Br J Gen Pract* 64:e672–674. <https://doi.org/10.3399/bjgp14X682009>
84. **MacPherson P**, Lalloo DG, Webb EL, Maheswaran H, Choko AT, Makombe SD, Butterworth AE, van Oosterhout JJ, Desmond N, Thindwa D, Squire SB, Hayes RJ, Corbett EL (2014) Effect of optional home initiation of HIV care following HIV self-testing on antiretroviral therapy initiation among adults in Malawi: a randomized clinical trial. *JAMA* 312:372–379. <https://doi.org/10.1001/jama.2014.6493>

85. **Macpherson P**, Lalloo DG, Thindwa D, Webb EL, Squire SB, Chipungu GA, Desmond N, Makombe SD, Taegtmeier M, Choko AT, Corbett EL (2014) A novel community health worker tool outperforms WHO clinical staging for assessment of antiretroviral therapy eligibility in a resource-limited setting. *J Acquir Immune Defic Syndr* 65:e74-78. <https://doi.org/10.1097/QAI.0b013e3182a20e74>
86. **MacPherson P**, Houben RMGJ, Glynn JR, Corbett EL, Kranzer K (2014) Pre-treatment loss to follow-up in tuberculosis patients in low- and lower-middle-income countries and high-burden countries: a systematic review and meta-analysis. *Bull World Health Organ* 92:126–138. <https://doi.org/10.2471/BLT.13.124800>
87. Munthali C, Taegtmeier M, Garner PG, Lalloo DG, Squire SB, Corbett EL, Ford N, **MacPherson P** (2014) Diagnostic accuracy of the WHO clinical staging system for defining eligibility for ART in sub-Saharan Africa: a systematic review and meta-analysis. *J Int AIDS Soc* 17:18932. <https://doi.org/10.7448/IAS.17.1.18932>
88. Corbett EL, MacPherson P (2013) Tuberculosis screening in high human immunodeficiency virus prevalence settings: turning promise into reality [State of the art series. Active case finding/screening. Number 5 in the series]. *The International Journal of Tuberculosis and Lung Disease* 17:1125–1138. <https://doi.org/10.5588/ijtld.13.0117>
89. Sloan DJ, van Oosterhout JJ, Malisita K, Phiri EM, Lalloo DG, O'Hare B, **MacPherson P** (2013) Evidence of improving antiretroviral therapy treatment delays: an analysis of eight years of programmatic outcomes in Blantyre, Malawi. *BMC Public Health* 13:490. <https://doi.org/10.1186/1471-2458-13-490>
90. **MacPherson P**, Choko AT, Webb EL, Thindwa D, Squire SB, Sambakunsi R, van Oosterhout JJ, Chunda T, Chavula K, Makombe SD, Lalloo DG, Corbett EL (2013) Development and validation of a global positioning system-based “map book” system for categorizing cluster residency status of community members living in high-density urban slums in Blantyre, Malawi. *Am J Epidemiol* 177:1143–1147. <https://doi.org/10.1093/aje/kws376>
91. **MacPherson P**, MacPherson EE, Mwale D, Bertel Squire S, Makombe SD, Corbett EL, Lalloo DG, Desmond N (2012) Barriers and facilitators to linkage to ART in primary care: a qualitative study of patients and providers in Blantyre, Malawi. *J Int AIDS Soc* 15:18020. <https://doi.org/10.7448/IAS.15.2.18020>
92. Moshabela M, **MacPherson P**, Ezard N, Freen E, Mashimbye L, Elliott JH, Oldenburg B (2012) Clinical and social determinants of diarrhoeal disease in a rural HIV/AIDS clinic, South Africa: a case-control study. *Int J STD AIDS* 23:346–350. <https://doi.org/10.1258/ijsa.2011.011285>
93. **MacPherson P**, Lalloo DG, Choko AT, Mann GH, Squire SB, Mwale D, Manda E, Makombe SD, Desmond N, Heyderman R, Corbett EL (2012) Suboptimal patterns of provider initiated HIV testing and counselling, antiretroviral therapy eligibility assessment and referral in primary health clinic attendees in Blantyre, Malawi. *Trop Med Int Health* 17:507–517. <https://doi.org/10.1111/j.1365-3156.2011.02946.x>
94. **MacPherson P**, Corbett EL, Makombe SD, van Oosterhout JJ, Manda E, Choko AT, Thindwa D, Squire SB, Mann GH, Lalloo DG (2012) Determinants and consequences of failure of linkage to antiretroviral therapy at primary care level in Blantyre, Malawi: a prospective cohort study. *PLoS ONE* 7:e44794. <https://doi.org/10.1371/journal.pone.0044794>
95. Boniface R, Moshabela M, Zulliger R, **Macpherson P**, Nyasulu P (2012) Correlates of Delayed Diagnosis among Human Immunodeficiency Virus-Infected Pulmonary Tuberculosis Suspects in a Rural HIV Clinic, South Africa. *Tuberc Res Treat* 2012:827148. <https://doi.org/10.1155/2012/827148>
96. MacPherson P, Dimairo M, Bandason T, Zezai A, Munyati SS, Butterworth AE, Mungofa S, Rusakaniko S, Fielding K, Mason PR, Corbett EL (2011) Risk factors for mortality in smear-negative tuberculosis suspects: a cohort study in Harare, Zimbabwe. *The International Journal of Tuberculosis and Lung Disease* 15:1390–1396. <https://doi.org/10.5588/ijtld.11.0056>
97. **MacPherson P**, Chawla A, Jones K, Coffey E, Spaine V, Harrison I, Jelliman P, Phillips-Howard P, Beynon C, Taegtmeier M (2011) Feasibility and acceptability of point of care HIV testing in community outreach and GUM drop-in services in the North West of England: a programmatic evaluation. *BMC Public Health* 11:419. <https://doi.org/10.1186/1471-2458-11-419>
98. Taegtmeier M, **MacPherson P**, Jones K, Hopkins M, Moorcroft J, Lalloo DG, Chawla A (2011) Programmatic evaluation of a combined antigen and antibody test for rapid HIV diagnosis in a community and sexual health clinic screening programme. *PLoS ONE* 6:e28019. <https://doi.org/10.1371/journal.pone.0028019>
99. **MacPherson P**, Webb EL, Choko AT, Desmond N, Chavula K, Napierala Mavedzenge S, Makombe SD, Chunda T, Squire SB, Corbett EL (2011) Stigmatising attitudes among people offered home-based HIV testing and counselling in Blantyre, Malawi: construction and analysis of a stigma scale. *PLoS ONE* 6:e26814. <https://doi.org/10.1371/journal.pone.0026814>
100. Dimairo M, **MacPherson P**, Bandason T, Zezai A, Munyati SS, Butterworth AE, Mungofa S, Rusakaniko S, Fielding K, Mason PR, Corbett EL (2010) The risk and timing of tuberculosis diagnosed in smear-negative TB suspects: a 12 month cohort study in Harare, Zimbabwe. *PLoS ONE* 5:e11849. <https://doi.org/10.1371/journal.pone.0011849>

101. **MacPherson P**, Moshabela M, Martinson N, Pronyk P (2009) Mortality and loss to follow-up among HAART initiators in rural South Africa. *Trans R Soc Trop Med Hyg* 103:588–593. <https://doi.org/10.1016/j.trstmh.2008.10.001>
102. **MacPherson P**, Harper I, MacDonald I (2004) Propofol and remifentanyl total intravenous anesthesia for a patient with Huntington disease. *J Clin Anesth* 16:537–538. <https://doi.org/10.1016/j.jclinane.2003.12.011>

Book chapters

1. Stewart AG, Ghebrehewet S, MacPherson P. New and emerging infectious diseases. In: Ghebrehewet S, Stewart AG, Baxter D, Shears P, Conrad D, Kliner M, editors. *Health Protection: Principles and Practice*. Oxford University Press; 2016.
2. MacPherson P. HIV and AIDS. In: Spector JM, Gibson TE, American Academy of Pediatrics, editors. *Atlas of pediatrics in the tropics and resource-limited settings*. American Academy of Pediatrics Books; 2016.
3. MacPherson P. Concise SIMCARDs providing information on infections with public health significance in the UK. In: Ghebrehewet S, Stewart AG, Baxter D, Shears P, Conrad D, Kliner M, editors. *Health Protection: Principles and Practice*. Oxford University Press; 2016.
4. MacPherson P. Brief SIMCARDs with providing basic information on relatively rare infections with low public health significance in the UK. In: Ghebrehewet S, Stewart AG, Baxter D, Shears P, Conrad D, Kliner M, editors. *Health Protection: Principles and Practice*. Oxford University Press; 2016.
5. MacPherson P. Abridged SIMCARDs providing information on less common infections with potential public health significance in the UK. In: Ghebrehewet S, Stewart AG, Baxter D, Shears P, Conrad D, Kliner M, editors. *Health Protection: Principles and Practice*. Oxford University Press; 2016.

Impact and appointed positions

2021-2022	Senior Management Committee (Member) Malawi-Liverpool-Wellcome Programme, Blantyre, Malawi
2022	REF Impact Case Study: HIV Self-Testing Liverpool School of Tropical Medicine, UK
2020	Head of Population Health Theme Malawi-Liverpool-Wellcome Programme, Blantyre, Malawi
2020-2022	Research Misconduct Lead Malawi-Liverpool-Wellcome Programme, Blantyre, Malawi
2020-2022	Chair: Research Data Steering Committee Malawi-Liverpool-Wellcome Programme, Blantyre, Malawi
2020	WHO Global TB Programme: Guidelines for Systematic Screening for Tuberculosis (lead for 3 systematic reviews) World Health Organization Global TB Programme
2020	WHO Department of HIV/AIDS: Consolidated Antiretroviral Therapy Guidelines (lead for 3 systematic reviews) World Health Organization Global HIV Programme
2019-2022	Senior Academic Representative: Diagnostic Imaging Steering Committee Malawi-Liverpool-Wellcome Programme, Blantyre, Malawi
2019-2022	Overseas Representative: Research Committee Liverpool School of Tropical Medicine
2018-2019	WHO Consolidated Guidelines on HIV Testing Services (Expert reviewer) World Health Organization Global HIV Programme
2018-2020	WHO Technical Working Group on HIV Self-Testing (Co-Chair) World Health Organization Global HIV Programme
2018	WHO Strategic framework: A guide for where to start when introducing HIV self-testing (Expert reviewer) World Health Organization Global HIV Programme

2017-2022	Research Strategy Committee (Senior Academic Member) Malawi-Liverpool-Wellcome Programme, Blantyre, Malawi
2016	HIV self-testing and assisted partner notification guidelines (Expert reviewer) World Health Organization Global HIV Programme
2015	WHO HIV testing Services Guidelines (Expert reviewer) World Health Organization Global HIV Programme
2015	WHO HIV Department commissioned systematic review: Service delivery interventions to improve adolescents' retention and adherence to antiretroviral therapy in adolescents to HIV care (Review lead) World Health Organization Global HIV Programme

Previous positions

2017-2022	Reader & Wellcome Fellow Department of Clinical Sciences, Liverpool School of Tropical Medicine, UK
2017-2022	Head of Public Health Research Group Malawi-Liverpool-Wellcome Programme, Blantyre, Malawi
2014-2017	Academic Clinical Lecturer in Public Health Department of Public Health and Policy, University of Liverpool, UK
2016-2017	Acting Consultant in Communicable Disease Control Cheshire and Merseyside Health Protection Unit, Public Health England
2013-2016	Specialty Trainee in Public Health Medicine UK Public Health Specialty Training Scheme (NTN: MER/930/009/C)
2009-2013	Wellcome Trust Clinical PhD Fellow Liverpool School of Tropical Medicine (Based at MLW, Malawi)
2007-2009	Senior Medical Officer (HIV/AIDS) Rixile ART Clinic, Tintswalo Hospital, Mpumalanga, South Africa
2007-2007	Senior House Officer (Community Paediatrics and Surgery) Royal Alexandra Children's Hospital, Brighton, UK
2006-2007	Senior House Officer Paediatric Medicine Royal Alexandra Children's Hospital, Brighton, UK
2006-2006	Senior House Officer Emergency Medicine Royal Sussex County Hospital, Brighton, UK
2005-2006	Senior House Officer Neurosurgery Hustwood Park Neurological Centre, Haywards Heath, UK
2005-2005	Intern World Health Organization Regional Office for Europe, Copenhagen, Denmark
2004-2004	Pre-Registration House Officer General Surgery Borders General Hospital, Melrose, Scotland
2003-2004	Pre-Registration House Officer Gastroenterology and Hepatology Aberdeen Royal Infirmary, Aberdeen, Scotland