

Annual Publication Report 2012- 2013

November 11, 2013

Published by Information Services Division

South African Medical Research Council

**PO Box 19070, Tygerberg 7505, Cape Town, South Africa, Francie van Zijl Drive, Parow
Valley, Cape Town**

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Alcohol and Drug Abuse Research Unit

BOOK CHAPTER/S

1. **Morojele NK, Parry C, Brook J, Kekwaletswe C.** Alcohol and drug use. (Chapter 14). *In* Crime, Violence and Injury in South Africa: 21st century solutions for child safety. A.van Niekerk, S. Suffla & M. Seedat (Eds.). Tygerberg: MRC-University of South Africa Safety & Peace Promotion Research Unit. 2012. (pp. 195-213).
2. Neuman MG, **Schneider M**, Nanau RM, **Parry C**, Chersich M. The relationship between alcohol consumption and human immunodeficiency virus infection and risk: A systematic literature review of high-risk groups, with a focus on South Africa (Chapter 13). *In* J. Maddock (Ed.) Public Health – Social and Behavioral Health. Intech Open Access Publisher. 2012. Print ISBN: 9780470654675
3. Trathen B, **Parry CDH, Morojele, NK.** Harm reduction in Sub-Saharan Africa (Chapter 31). *In* Harm Reduction in Substance Use and High-Risk Behaviour Pates R, Riley D (eds). 2012. Oxford: John Wiley & Sons. pp. 425-443.

JOURNAL ARTICLE/S

4. **Carney T, Myers B.** Effectiveness of early interventions for substance-using adolescents: findings from a systematic review and meta-analysis. *Substance Abuse Treatment, Prevention, and Policy.* 2012 Jun 14; 7: 25. DOI: 10.1186/1747-597X-7-25.
5. Flisher AJ, Dawes A, Kafaar Z, Lund C, **Sorsdahl K, Myers B**, Thom R, Seedat S. Child and adolescent mental health in South Africa. *Journal of Child and Adolescent Mental Health.* 2012 Oct; 24(2): 149-61.
6. **Harker Burnhams N, Dada S, Myers B.** Social service offices as a point of entry into substance abuse treatment for poor South Africans. *Substance Abuse Treatment, Prevention, and Policy.* 2012 May 29; 7(1): 22. DOI: 10.1186/1747-597X-7-22.
7. **Kader R, Seedat S, Koch JR, Parry CDH.** A preliminary investigation of the AUDIT and DUDIT in comparison to biomarkers for alcohol and drug use among HIV-infected clinic attendees in Cape Town, South Africa. *African Journal of Psychiatry.* 2012 Sep; 15(5): 346-351.
8. Lim SS, Vos T, Flaxman AD, Danaei G, Shibuya K, Adair-Rohani H, Amann M, Anderson HR, Andrews KG, Aryee M, Atkinson C, Bacchus LJ, Bahalim AN, Balakrishnan K, Balmes J, Barker-Collo S, Baxter A, Bell ML, Blore JD, Blyth F, Bonner C, Borges G, Bourne R, Boussinesq M, Brauer M, Brooks P, Bruce NG, Brunekreef B, Bryan-Hancock C, Bucello C, Buchbinder R, Bull F, Burnett RT, Byers TE, Calabria B, Carapetis J, Carnahan E, Chafe Z, Charlson F, Chen H, Chen JS, Cheng ATA, Child JC, Cohen A, Colson KE, Cowie BC, Darby S, Darling S, Davis A, Degenhardt L, Dentener F, Des Jarlais DC, Devries K, Dherani M, Ding EL, Dorsey ER, Driscoll T, Edmond K, Ali SE, Engell RE, Erwin PJ, Fahimi S, Falder G, Farzadfar F, Ferrari A, Finucane MM, Flaxman S, Fowkes FGR, Freedman G, Freeman MK, Gakidou E, Ghosh S, Giovannucci E, Gmel G, Graham K, Grainger R, Grant B, Gunnell D, Gutierrez HR, Hall W, Hoek HW, Hogan A, Hosgood Iii HD, Hoy D, Hu H, Hubbell BJ, Hutchings SJ, Ibeanusi SE, Jacklyn GL, Jasrasaria R, Jonas JB, Kan H, Kanis JA, Kassebaum N, Kawakami N, Khang YH, Khatibzadeh S, Khoo JP, Kok C, Laden F, Lalloo R, Lan Q, Lathlean T, Leasher JL, Leigh J, Li Y, Lin JK, Lipshultz SE, London S,

Lozano R, Lu Y, Mak J, Malekzadeh R, Mallinger L, Marcenes W, March L, Marks R, Martin R, McGale P, McGrath J, Mehta S, Mensah GA, Merriman TR, Micha R, Michaud C, Mishra V, Hanafiah KM, Mokdad AA, Morawska L, Mozaffarian D, Murphy T, Naghavi M, Neal B, Nelson PK, Nolla JM, Norman R, Olives C, Omer SB, Orchard J, Osborne R, Ostro B, Page A, Pandey KD, **Parry CDH**, Passmore E, Patra J, Pearce N, Pelizzari PM, Petzold M, Phillips MR, Pope D, Pope Iii CA, Powles J, Rao M, Razavi H, Rehfuess EA, Rehm JT, Ritz B, Rivara FP, Roberts T, Robinson C, Rodriguez-Portales JA, Romieu I, Room R, Rosenfeld LC, Roy A, Rushton L, Salomon JA, Sampson U, Sanchez-Riera L, Sanman E, Sapkota A, Seedat S, Shi P, Shield K, Shivakoti R, Singh GM, Sleet DA, Smith E, Smith KR, Stapelberg NJC, Steenland K, Stöckl H, Stovner LJ, Straif K, Straney L, Thurston GD, Tran JH, Van Dingenen R, Van Donkelaar A, Veerman JL, Vijayakumar L, Weintraub R, Weissman MM, White RA, Whiteford H, Wiersma ST, Wilkinson JD, Williams HC, Williams W, Wilson N, Woolf AD, Yip P, Zielinski JM, Lopez AD, Murray CJL, Ezzati M. A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990-2010: A systematic analysis for the Global Burden of Disease Study 2010. *Lancet*. 2012 Dec; 380(9859): 2224-60. DOI: 10.1016/S0140-6736(12)61766-8.

9. Mbwambo J, McCurdy SA, **Myers B**, Lambdin B, Kilonzo GP, Kaduri P. Drug trafficking, use, and HIV risk: The need for comprehensive interventions. *SAHARA Journal*. 2012; 9(3): 154-9. DOI: 10.1080/17290376.2012.743832.
10. **Morojele NK, Saban A**, Seedat S. Clinical presentations and diagnostic issues in dual diagnosis disorders. *Current Opinion in Psychiatry*. 2012 May; 25(3): 181-6. DOI: 10.1097/YCO.0b013e328351a429 [Review]
11. **Myers B**, Kline TL, Browne FA, **Carney T, Parry C, Johnson K**, Wechsberg WM. Ethnic differences in alcohol and drug use and related sexual risks for HIV among vulnerable women in Cape Town, South Africa: implications for interventions. *BMC Public Health*. 2013 Feb 26; 13: 174. DOI: 10.1186/1471-2458-13-174.
12. **Myers B, Petersen Z, Kader R, Parry CD**. Moving beyond access: Towards a quality-orientated substance abuse treatment system in South Africa. *South African Medical Journal*. 2012 Aug; 102(8): 667-8.
13. **Myers B**, Stein D, Mtukushe B, Sorsdahl K. Feasibility and acceptability of screening and brief interventions to address alcohol and other drug use among patients presenting for emergency services in Cape Town, South Africa. *Advances in Preventive Medicine*. 2012 Nov; 2012: 569153. DOI: 10.1155/2012/569153. Epub 2012 Nov 6.
14. **Ngako KJ**, van Rensburg ESJ, Mataboge SML. Psychiatric nurse practitioners' experiences of working with mental health care users presenting with acute symptoms. *Curationis*. 2012 May 30; 35(1): E1-9. DOI: 10.4102/curationis.v35i1.44.
15. Onya HE, Tessera A, **Myers B**, Flisher A. Adolescent Alcohol Use in Rural South African High Schools. *African Journal of Psychiatry*. 2012 Sep; 15(5): 352-7. DOI: <http://dx.DOI.org/10.4314/ajpsy.v15i5.44>.
16. Onya HE, Tessera A, **Myers B**. Community influences on adolescents' use of home-brewed alcohol in rural South Africa. *BMC Public Health*. 2012 Aug 11; 12: 642. DOI: 10.1186/1471-2458-12-642.

17. **Parry C, Burnhams NH**, London L. A total ban on alcohol advertising: Presenting the public health case. *South African Medical Journal*. 2012 Jul; 102(7): 602-4.
18. **Parry CDH**. A call to support the new KBS journal. *International Journal of Alcohol and Drug Research*. 2012; 1(1): 7. DOI: 10.7895/ijadr.v1i1.56.
19. **Parry Charles D**, Gossage J. Phillip, Marais Anna-Susan, Barnard Ronel, de Vries M, Blankenship J, Seedat S, May Philip A.. "Comparison of Baseline Drinking Practices, Knowledge, and Attitudes of Adults Residing in Communities Taking Part In the FAS Prevention Study in South Africa." *African Journal of Drug and Alcohol Studies*. 2012, 11(2): 65-76.
20. Pasche S, **Myers B**. Substance misuse trends in South Africa. *Human Psychopharmacology*. 2012 May; 27(3): 338-41. DOI: 10.1002/hup.2228. [Review]
21. **Petersen Z**, Nilsson M, Steyn K, Emmelin M. Identifying with a process of change: A qualitative assessment of the components included in a smoking cessation intervention at antenatal clinics in South Africa. *Midwifery*. 2012 Oct 1. DOI:pii: S0266-6138(12)00151-9. 10.1016/j.midw.2012.07.016. [Epub ahead of print]
22. Pinkham S, Stoicescu C, **Myers B**. Developing effective health interventions for women who inject drugs: key areas and recommendations for program development and policy. *Advances in Preventive Medicine*. 2012 Oct; 2012: 269123. DOI: 10.1155/2012/269123. Epub 2012 Oct 16.
23. **Plüddemann A, Dada S, Parry CD, Kader R**, Parker JS, Temmingh H, van Heerden S, de Clercq C, Lewis I. Monitoring the prevalence of methamphetamine-related presentations at psychiatric hospitals in Cape Town, South Africa. *African Journal of Psychiatry*. 2013 Jan; 16(1): 45-9. DOI: [http://dx.Doi.org/10.4314/ajpsy.v16i1.8](http://dx.doi.org/10.4314/ajpsy.v16i1.8). [Editorial]
24. **Plüddemann A, Flisher AJ**, McKetin R, **Parry CD, Lombard CJ**. Methamphetamine Use and Sexual Risk Behavior among High School Students in Cape Town, South Africa. *Journal of Child & Adolescent Substance Abuse*. 2012 Mar 30; 21(2): 181-91. DOI:10.1080/1067828X.2012.662437.
25. Ramsoomar L, **Morojele NK**, Norris SA. Alcohol use in early and late adolescence among the birth to twenty cohort in Soweto, South Africa. *Global Health Action*. 2013 Jan 24; 6: 19274. DOI: 10.3402/gha.v6i0.19274.
26. Ramsoomar L, **Morojele NK**. Trends in alcohol prevalence, age of initiation and association with alcohol-related harm among South African youth: *Implications for policy*. *South African Medical Journal*. 2012 Jun 5; 102(7): 609-12.
27. Russell BS, Eaton LA, **Petersen-Williams P**. Intersecting epidemics among pregnant women: alcohol use, interpersonal violence, and HIV infection in South Africa. *Current HIV/AIDS Reports*. 2013 Mar; 10(1): 103-10. DOI: 10.1007/s11904-012-0145-5.

28. **Schneider M**, Chersich M, Neuman M, **Parry C**. Alcohol consumption and HIV/AIDS: the neglected interface. *Addiction*. 2012 Aug; 107(8): 1369-71. DOI: 10.1111/j.1360-0443.2012.03824.x. Epub 2012 Jun 15.
29. Sorsdahl K, Stein DJ, Weich L, Fourie D, and **Myers B**. The effectiveness of a hospital-based intervention for patients with substance-use problems in the Western Cape. *South African Medical Journal*. 2012 Jun 6; 102(7): 634-5.
30. Sorsdahl, K, Stein DJ, **Myers B**. Negative attributions towards people with substance use disorders in South Africa: Variation across substances and by gender. *BMC Psychiatry*. 2012 Aug 7; 12: 101. DOI: 10.1186/1471-244X-12-101.
31. Wechsberg W, **Myers B**, Kline TL, **Carney T**, Browne FA, Novak SP. The Relationship of Alcohol and Other Drug Use Typologies to Sex Risk Behaviors among Vulnerable Women in Cape Town, South Africa. *Journal of AIDS & Clinical Research*. 2012 Jul 20; S1(15). pii: 015.

POLICY BRIEF/S

32. **Dada S, Plüddemann A, Parry C**, Bhana A, Vawda M, Pereira T, Nel E, Mncwabe T, Pelser I, Weimann R. Monitoring Alcohol & Drug Abuse Trends in South Africa: (July 1996 – December 2011). *Policy Brief*. Cape Town: South African Medical Research Council, Vol 15 (1), 2012.
33. **Plüddemann A, Parry CDH**. Methamphetamine use and associated problems among adolescents in the Western Cape Province: A need for focused interventions. *Policy Brief*. Cape Town: South African Medical Research Council, October 2012.

TECHNICAL REPORT/S

34. **Alcohol & Drug Abuse Research Unit**, South African Medical Research Council. Situational Analysis on Alcohol and HIV in Sub-Saharan Africa: Findings and Recommendations. *Technical Report*. Pretoria: South African Medical Research Council, March 2012.
35. **Burnhams N, Townsend L, Dada S, Plüddemann A**. A systematic review of multi-focused, universal-level substance abuse prevention programmes targeting youth within communities and their families. *Technical Report*. Cape Town: South African Medical Research Council; July/August 2012.
36. **Carney T, Myers B, Hornsby N**. Adapting an evidence-based intervention to address substance use and other problem behaviours among adolescents: Results from Key Informant Interviews. *Technical Report*. Cape Town: South African Medical Research Council; August 2012.
37. **Dada S, Plüddemann A, Williams Y, Parry C**, Bhana A, Vawda M, Pereira T, Kitshoff D, Nel E, Mncwabe T, Pelser I, Gerber W, Weimann R, Fourie D. Monitoring alcohol and drug abuse treatment admissions in South Africa: July – December 2011 (Phase 31). *Technical Report*. Cape Town: South African Medical Research Council; July 2012.

38. **Myers B, Petersen Z, Pithey A, Pasche S, Dada S.** Barriers to antiretroviral therapy use among people who inject drugs: A systematic review. *Technical Report*. Cape Town: South African Medical Research Council, April 2012.
39. **Parry CDH, Carney T, Petersen P, Plüddemann A.** Phase VII Final Evaluation: Drug use and sexual HIV risk patterns among non-injecting and injecting drug users in Cape Town, Pretoria and Durban, South Africa. *Technical Report*. Cape Town: South African Medical Research Council; October 2012.
40. **Parry CDH, Petersen P, Carney T, Plüddemann A.** Phase VII Mid-Term Evaluation: Drug use and sexual HIV risk patterns among non-injecting and injecting drug users in Cape Town, Pretoria and Durban, South Africa. *Technical Report*. Cape Town: South African Medical Research Council; June 2012.
41. **Petersen Z, Plüddemann A, van Hout MC, Dada S, Parry CDH, Myers B.** The prevalence of HIV among people who inject drugs and availability of prevention and treatment services: findings from 21 countries. *Technical Report*. Cape Town: South African Medical Research Council; April 2012.

DISSERTATION/S

42. **Kader R.** The relationship between substance abuse, health status and health behaviours of patients attending HIV clinics [*PhD dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2013.

Anxiety and Stress Disorders Research Unit

BOOK CHAPTER/S

1. Hoppe LJ, Ipser J, Gorman JM, **Stein DJ.** Panic disorder (Chapter 20). In: Handbook of Clinical Neurology. Michael J. Aminoff FB, Dick FS, (eds). Elsevier; 2012. p. 363-74.

JOURNAL ARTICLE/S

2. Bandelow B, Sher L, Bunevicius R, Hollander E, Kasper S, Zohar J, Möller HJ;WFSBP Task Force on Mental Disorders in Primary Care; WFSBP Task Force on Anxiety Disorders, OCD and PTSD (Bunevicius R, Kasper S, Thibaut F, Baranska-Rybak W, Cubala WJ, Fiellin D, Kranzler HR, Moore A, Rankans E, Rasmussen J, Saitz R, Saravane D, Schlaepfer TE, Sher L, Tang SW, Valius L, Wong D, Zhitnikova LM, Zohar J, Hollander E, Moller HJ, Bandelow B, Allgulander C, Ayuso-Gutierrez J, Baldwin D, Bunevicius R, Cassano G, Fineberg N, Gabriels L, Hindmarch I, Kaiya H, Klein DF, Lader M, Lecrubier Y, Lepine JP, Liebowitz MR, Lopez-Ibor JJ, Marazitti D, Miguel EC, Oh KS, Preter M, Rupprecht R, Sato M, Starcevic V, **Stein DJ**, van Ameringen M, Vega J.) . Guidelines for the pharmacological treatment of anxiety disorders, obsessive-compulsive disorder and posttraumatic stress disorder in primary care. *International Journal of Psychiatry in Clinical Practice*. 2012 Jun; 16(2): 77-84.
3. Breuer E, Stoloff K, Myer L, Seedat S, **Stein DJ**, Joska J. Reliability of the lay adherence counsellor administered substance abuse and mental illness symptoms screener (SAMISS) and the International HIV Dementia Scale (IHDS) in a primary care HIV clinic in Cape Town, South Africa. *AIDS and behavior*. 2012 Aug; 16(6): 1464-71.

4. **Carey P, Suliman S, Ganesan K, Seedat S, Stein DJ.** Olanzapine monotherapy in posttraumatic stress disorder: efficacy in a randomized, double-blind, placebo-controlled study. *Human Psychopharmacology: Clinical and Experimental.* 2012 Jul; 27(4): 386-91.
5. Cuzen NL, Andrew C, Thomas KG, **Stein DJ**, Fein G. Absence of P300 reduction in South African treatment-naïve adolescents with alcohol dependence. *Alcoholism Clinical and Experimental Research.* 2012 Jun 7. [Epub ahead of print] DOI: 10.1111/j.1530-0277.2012.01837.x
6. Davidson JR, **Stein DJ**, Rothbaum BO, Pedersen R, Szumski A, Baldwin DS. Resilience as a predictor of treatment response in patients with posttraumatic stress disorder treated with venlafaxine extended release or placebo. *Journal of Psychopharmacology.* 2012 Jun; 26(6): 778-83. DOI: 10.1177/0269881111413821.
7. Dimatelis J, Pillay N, Mutyaba A, Russell V, Daniels W, **Stein DJ.** Early maternal separation leads to down-regulation of cytokine gene expression. *Metabolic Brain Disease.* 2012 Apr 13. 1-5. [Epub ahead of print] DOI: 10.1007/s11011-012-9304-z.
8. Grant JE, Odlaug BL, Chamberlain SR, Keuthen NJ, **Lochner C, Stein DJ.** Skin picking disorder. *American Journal of Psychiatry.* 2012 Nov 1; 169(11): 1143-9. DOI: 10.1176/appi.ajp.2012.12040508.
9. Gupta J, Reed E, Kelly J, **Stein DJ**, and Williams DR. Men's exposure to human rights violations and relations with perpetration of intimate partner violence in South Africa. *Journal of Epidemiology and Community Health.* 2012 Jun; 66(6): e2.
10. Heaps JM, **Joska J, Hoare J**, Ortega M, Agrawal A, Seedat S, Ances BM, **Stein DJ**, Paul R. Neuroimaging markers of human immunodeficiency virus infection in South Africa. *Journal of NeuroVirology.* 2012 Jun; 18(3): 151-6. DOI: 10.1007/s13365-012-0090-5. Epub 2012 Apr 12.
11. Hoare J, Westgarth-Taylor J, **Fouche JP**, Combrinck M, **Spottiswoode B**, Stein DJ, Joska JA. Relationship between apolipoprotein E4 genotype and white matter integrity in HIV-positive young adults in South Africa. *European archives of psychiatry and clinical neuroscience.* 2013 Apr; 263(3): 189-95. DOI: 10.1007/s00406-012-0341-8. [Epub 2012 Jul 24.]
12. Ipser JC, Terburg D, Syal S, Phillips N, Solms M, Panksepp J, Malcolm-Smith S, Thomas K, **Stein DJ**, van Honk J. Reduced fear-recognition sensitivity following acute buprenorphine administration in healthy volunteers. *Psychoneuroendocrinology.* 2012. May 29. [Epub ahead of print]. DOI: 10.1016/j.psyneuen.2012.05.002.
13. **Lochner C**, Grant JE, Odlaug BL, **Stein DJ.** DSM-5 field survey: skin picking disorder. *Annals of Clinical Psychiatry.* 2012 Nov; 24(4): 300-4.
14. **Lochner C**, Grant JE, Odlaug BL, Woods DW, Keuthen NJ, **Stein DJ.** DSM-5 field survey: hair-pulling disorder (trichotillomania). *Depression and Anxiety.* 2012 Dec; 29(12): 1025-31. DOI: 10.1002/da.22011. Epub 2012 Nov 1.
15. **Roos A**, Fouche JP, **Stein DJ**, **Lochner C.** White matter integrity in hair-pulling disorder

(trichotillomania). *Psychiatry Research*. 2012 Nov 10. DOI:pii: S0925-4927(12)00207-7. 10.1016/j.psychres.2012.08.005. [Epub ahead of print]

16. Roos A, Lochner C, Kidd M, **van Honk J**, Vythilingum B, **Stein DJ**. Selective attention to fearful faces during pregnancy. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*. 2012 Apr 27; 37(1): 76-80. DOI: 10.1016/j.pnpbp.2011.11.012.
17. **Sorsdahl K**, **Stein DJ**, Lund C. Mental Health Services in South Africa: Scaling up and future directions. *African Journal of Psychiatry*. 2012 May; 15(3): 168-71. DOI: <http://dx.Doi.org/10.4314/ajpsy.v15i3.21>.
18. **Stein DJ**, Koen N, Fineberg N, Fontenelle LF, Matsunaga H, Osser D, Simpson HB. A 2012 Evidence-Based Algorithm for the Pharmacotherapy for Obsessive-Compulsive Disorder. *Current Psychiatry Reports*. 2012 Jun; 14(3): 211-9. DOI: 10.1007/s11920-012-0268-9.
19. **Stein DJ**. Positive mental health: a note of caution. *World Psychiatry*. 2012 Jun; 11(2): 107-9.
20. **Suliman S**, Troeman Z, **Stein DJ**, **Seedat S**. Predictors of acute stress disorder severity. *Journal of Affective Disorders*. 2013 Mar 1. pii: S0165-0327(13)00096-7. DOI: 10.1016/j.jad.2013.01.041. [Epub ahead of print]
21. **Warwick JM**, **Carey PD**, **Cassimjee N**, **Lochner C**, **Hemmings S**, **Moolman-Smook H**, **Beetge E**, **Dupont P**, **Stein DJ**. Dopamine transporter binding in social anxiety disorder: the effect of treatment with escitalopram. *Metabolic Brain Disease*. 2012 Jun; 27(2): 151-8. DOI: 10.1007/s11011-012-9280-3. Epub 2012 Feb 16.

Bioinformatics Capacity Development Research Unit

JOURNAL ARTICLE/S

1. Akinyi MV, Dandara C, **Gamielien J**, Heckmann JM. Association of transforming growth factor beta-1 (TGFB1) regulatory region polymorphisms with myasthenia gravis-related ophthalmoparesis. *Journal of Neuroimmunology*. 2012 May 15; 246(1-2): 96-9.
2. **Tiffin N**, Adeyemo A, Okpechi I. A diverse array of genetic factors contribute to the pathogenesis of systemic lupus erythematosus. *Orphanet Journal of Rare Diseases*. 2013 Jan 7; 8: 2. DOI: 10.1186/1750-1172-8-2.
3. **Travers SA**. Conservation, Compensation, and Evolution of N-Linked Glycans in the HIV-1 Group M Subtypes and Circulating Recombinant Forms. *ISRN AIDS*. 2012 Nov 25; 2012: Article ID 823605. DOI:10.5402/2012/823605

Dissertation/s

4. **Ali M**. Identification and characterisation of microRNAs and their putative target genes in *Anopheles funestus* [*PhD dissertation*]. [Cape Town]: University of the Western Cape; 2013.

5. **Kibler TD.** A computational characterisation of the relationship between genome structure and disease genes [*Masters dissertation*]. [Cape Town, South Africa]: University of the Western Cape; 2012.
6. **Moncho OM.** Annotation of cutinases in *Venturia inaequalis*: Towards an ENSEMBL fungal computational framework. [*Masters dissertation*]. [Cape Town, South Africa]: University of the Western Cape; 2012.

Biostatistics Unit

JOURNAL ARTICLE/S

1. Adam A, **Manda SO.** How Well Does the PCA3-incorporated chun nomogram perform in predicting prostate biopsy outcome among South African men? *European urology*. 2013 Feb 26. DOI: pii: S0302-2838(13)00139-5. 10.1016/j.eururo.2013.02.027. [Epub ahead of print] [Letter]
2. Barton GR, Fairall L, Bachmann MO, Uebel K, Timmerman V, **Lombard C**, Zwarenstein M. Cost-effectiveness of nurse-led versus doctor-led antiretroviral treatment in South Africa: pragmatic cluster randomised trial. *Tropical Medicine & International Health*. 2013 Mar 11. DOI: 10.1111/tmi.12093. [Epub ahead of print]
3. Beukes J, Reyneke JP, **Becker PJ.** Medial pterygoid muscle and stylomandibular ligament: the effects on postoperative stability. *International Journal of Oral and Maxillofacial Surgery*. 2012 Jul 21. pii: S0901-5027(12)00212-3. DOI: 10.1016/j.ijom.2012.05.010. [Epub ahead of print]
4. Beukes J, Reyneke JP, **Becker PJ.** Variations in the anatomical dimensions of the mandibular ramus and the presence of third molars: its effect on the sagittal split ramus osteotomy. *International journal of oral and maxillofacial surgery*. 2012 Oct 25. Pii: S0901-5027(12)00411-0. DOI: 10.1016/j.ijom.2012.09.020. [Epub ahead of print]
5. Bosman E, Esterhuizen AD, Rodrigues FA, **Becker PJ**, Hoffmann WA. Prevalence of hyperinsulinaemia among normozoospermic donors at Medfem Clinic, South Africa. *Andrologia*. 2012 May 10. DOI: 0.1111/j.1439-0272.2012.01303.x. [Epub ahead of print].
6. Green RJ, Klein M, **Becker P**, **Halkas A**, **Lewis H**, Kitchin O, Moodley T, Masekela R. Disagreement between common measures of asthma control in children. *Chest*. 2012 Aug 1. [Epub ahead of print] DOI: 10.1378/chest.12-1070.
7. **Kabera MG**, Haines LM, Ndlovu P. A note on the construction of locally D- and D S-optimal designs for the binary logistic model with several explanatory variables. *Statistics and Probability Letters*. 2012 May; 82(5): 865-70.
8. Kandala N, Tigbe W, **Manda SOM**, Stranges S. Geographic Variation of Hypertension in Sub-Saharan Africa: A Case Study of South Africa. *American Journal of Hypertension*. 2013 Mar; 26(3): 382-91. DOI: 10.1093/ajh/hps063. Epub 2013 Jan 8.

9. Kitchin OP, Masekela R, **Becker P**, Moodley T, Risenga SM, Green RJ. Outcome of human immunodeficiency virus-exposed and -infected children admitted to a pediatric intensive care unit for respiratory failure. *Pediatric Critical Care Medicine*. 2012 Sep; 13(5): 516-9. DOI: 10.1097/PCC.0b013e31824ea143.
10. Kotze D, Keskinetepe L, Sher G, Kruger T, **Lombard C**. A Linear Karyotypic Association between PB-I, PB-II and Blastomere Using Sequentially Performed Comparative Genome Hybridization with No Association Established between Karyotype, Morphologic, Biochemical (sHLA-G Expression) Characteristics, Blastocyst Formation and Subsequent Pregnancy Outcome. *Gynecologic and Obstetric Investigation*. 2012 Aug 10. [Epub ahead of print]. DOI: 10.1159/000339632.
11. le Roux SM, Cotton MF, Myer L, le Roux DM, Schaaf HS, **Lombard CJ**, Zar HJ. Safety of long-term isoniazid preventive therapy in children with HIV: a comparison of two dosing schedules. *International Journal of Tuberculosis and Lung Disease*. 2013 Jan; 17(1): 26-31. DOI: 10.5588/ijtld.11.0820. Epub 2012 Nov 8.
12. Lombard Z, Crowther NJ, **van der Merwe L**, Pitamber P, **Norris SA**, Ramsay M. Appetite regulation genes are associated with body mass index in black South African adolescents: a genetic association study. *BMJ Open*. 2012 May 21; 2(3): e000873. DOI: 10.1136/bmjopen-2012-000873.
13. Luckhoff M, **Jordaan E**, Swart Y, Cloete KJ, Koen L, Niehaus DJ. Retrospective review of trends in assaults and seclusion at an acute psychiatric ward over a 5-year period. *Journal of Psychiatric and Mental Health Nursing*. 2012 Sep 19. DOI: 10.1111/jpm.12006. [Epub ahead of print]
14. **Manda SO**, Gale CP, Hall AS, Gilthorpe MS. Statistical profiling of hospital performance using acute coronary syndrome mortality. *Cardiovascular Journal of Africa*. 2012 Nov; 23(10): 546-51. DOI: 10.5830/CVJA-2011-064.
15. **Manda SOM**, **Lombard CJ**, Mosala T. Divergent spatial patterns in the prevalence of the human immunodeficiency virus (HIV) and syphilis in South African pregnant women. *Geospatial Health*. 2012 May; 6(2): 221-31.
16. Mandalakas AM, Kirchner HL, **Lombard C**, Walzl G, Grewal HM, Gie RP, Hesselting AC. Well-quantified tuberculosis exposure is a reliable surrogate measure of tuberculosis infection. *International Journal of Tuberculosis and Lung Disease*. 2012 Aug; 16(8): 1033-9. Epub 2012 Jun 11.
17. Masekela R, Zampoli M, Westwood AT, White DA, Green RJ, **Olorunju S**, Kwofie-Mensah M. Phenotypic expression of the 3120+1G>A mutation in non-Caucasian children with cystic fibrosis in South Africa. *Journal of Cystic Fibrosis*. 2012 Nov 30. DOI:pii: S1569-1993(12)00207-X. 10.1016/j.jcf.2012.11.003. [Epub ahead of print]
18. Moodley A, Rae W, Bhigjee A, **Connolly C**, Devparsad N, Michowicz A, Harrison T, Loyse A. Early Clinical and Subclinical Visual Evoked Potential and Humphrey's Visual Field Defects in Cryptococcal Meningitis. *PLoS One*. 2012 Dec; 7(12):e52895. DOI: 10.1371/journal.pone.0052895. Epub 2012 Dec 21.

19. Mostert-Wentzel K, **Masenyetse LJ**, Dinat N, Botha A, Jonkers LD, Oosthuizen LC. Involvement in and Views on Social Responsibility of Gauteng Members of the South African Society of Physiotherapy: A Cross-sectional Survey. *South African Journal of Physiotherapy* 2012; 68(1): 22-28.
20. Mostert-Wentzel K, Swart JJ, **Masenyetse LJ**, Sihlali BH, Cilliers R, Clarke L, Maritz J, Prinsloo E, Steenkamp L. Effect of kinesiio taping on explosive muscle power of gluteus maximus of male athletes. *South African Journal of Sports Medicine*. 2012; 24(3): 75-80. DOI:10.7196/SAJSM.261
21. Naude CE, Carey PD, **Laubscher R**, Fein G, Senekal M. Vitamin d and calcium status in South African adolescents with alcohol use disorders. *Nutrients*. 2012 Aug; 4(8): 1076-94. Epub 2012 Aug 20.
22. Parker WA, Steyn NP, Levitt NS, **Lombard CJ**. Health promotion services for patients having non-communicable diseases: Feedback from patients and health care providers in Cape Town, South Africa. *BMC Public Health*. 2012 Jul 4; 12: 503. DOI: 10.1186/1471-2458-12-503.
23. Plani N, **Becker P**, van Aswegen H. The use of a weaning and extubation protocol to facilitate effective weaning and extubation from mechanical ventilation in patients suffering from traumatic injuries: A non-randomized experimental trial comparing a prospective to retrospective cohort. *Physiotherapy Theory and Practice*. 2012 Sep 4. [Epub ahead of print]
24. Ross IL, Levitt N, **van der Merwe L**, Schatz D, Johannsson G, Dandara C, Pillay T, Blom D. Investigation of glucocorticoid receptor polymorphisms in relation to metabolic parameters in Addison's disease. *European Journal of Endocrinology*. 2013 Feb 15; 168(3): 403-12. DOI: 10.1530/EJE-12-0808. Epub 2012 Dec 12.
25. Schutte CM, Townsend T, Van Coller R, **Olorunju S**. Comparison of HTLV-associated myelopathy (HAM) in HIV-positive and HIV-negative patients at a tertiary South African hospital. *South African Medical Journal*. 2012 Nov 8; 103(1): 43-6. DOI: 10.7196/samj.5298.
26. Sharma JR, Arieff Z, Gameeldien H, Davids M, Kaur M, **van der Merwe L**. Association analysis of two single-nucleotide polymorphisms of the RELN gene with autism in the South African population. *Genetic Testing and Molecular Biomarkers*. 2013 Feb; 17(2): 93-8. DOI: 10.1089/gtmb.2012.0212. Epub 2012 Dec 5.
27. Smith FJ, Geyser M, Schreuder I, **Becker PJ**. The effect of positive end-expiratory pressure on pulse pressure variation. *Southern African Journal of Anaesthesia and Analgesia*. 2012; 18(6): 333-38.
28. Sommerfelt H, Steinsland H, **van der Merwe L**, Blackwelder WC, Nasrin D, Farag TH, Kotloff KL, Levine MM, Gjessing HK. Case/control studies with follow-up: Constructing the source population to estimate effects of risk factors on development, disease, and survival. *Clinical Infectious Diseases*. 2012 Dec; 55(Suppl 4): S262-70. DOI: 10.1093/cid/cis802.

29. Van der Merwe N, Bouwens CS, Pienaar R, **van der Merwe L**, Yako YY, Geiger DH, Kotze MJ. CYP2D6 genotyping and use of antidepressants in breast cancer patients: test development for clinical application. *Metabolic Brain Disease*. 2012 Sep; 27(3): 319-26. DOI: 10.1007/s11011-012-9312-z. Epub 2012 May 26.
30. Van Toorn R, Springer P, **Laubscher JA**, Schoeman JF. Value of different staging systems for predicting neurological outcome in childhood tuberculous meningitis. *International Journal of Tuberculosis and Lung Disease*. 2012 May; 16(5): 628-32. DOI: 10.5588/ijtld.11.0648. Epub 2012 Mar 8.
31. Willick SE, Webborn N, Emery C, Blauwet CA, Pit-Grosheide P, Stomphorst J, Van de Vliet P, Patino Marques NA, Martinez-Ferrer JO, **Jordaan E**, Derman W, Schwellnus M. The epidemiology of injuries at the London 2012 Paralympic Games. *British Journal of Sports Medicine*. 2013 Mar 20. [Epub ahead of print]
32. Wright GE, Niehaus DJ, **van der Merwe L**, Koen L, Korkie LJ, Kinnear CJ, Drögemöller BI, Warnich L. Association of MB-COMT polymorphisms with schizophrenia-susceptibility and symptom severity in an African cohort. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*. 2012 Oct 1; 39(1): 163-9. DOI: 10.1016/j.pnpbp.2012.06.006. Epub 2012 Jun 13.
33. Yako YY, Hassan MS, Erasmus RT, **van der Merwe L**, Janse van Rensburg S, Matsha TE. Associations of MC3R Polymorphisms with Physical Activity in South African Adolescents. *Journal of physical activity & health*. 2012 Oct 9. [Epub ahead of print]
34. Zöllner EW, **Lombard CJ**, **Galal U**, Hough FS, Irusen EM, Weinberg E. Hypothalamic-pituitary-adrenal axis suppression in asthmatic school children. *Pediatrics*. 2012 Dec; 130(6): e1512-9. DOI: 10.1542/peds.2012-1147. Epub 2012 Nov 12.

TECHNICAL REPORT/S

35. **Goga AE**, Dinh TH, Jackson DJ for the SAPMTCTE study group. Evaluation of the Effectiveness of the National Prevention of Mother-to-Child Transmission (PMTCT) Programme Measured at Six Weeks Postpartum in South Africa, 2010. *Technical Report*. Cape Town: South African Medical Research Council, National Department of Health of South Africa and PEPFAR/US Centers for Disease Control and Prevention; 2012.

BIOINFORMATICS RESEARCH DIVISION

BOOK CHAPTER/S

1. Kosakovsky S, Pond L, **Murrell B**, Poon AF. Evolution of viral genomes: interplay between selection, recombination, and other forces. (Chapter 10). *In*: Evolutionary Genomics: Statistical and Computational Methods, Volume 2. (eds): M Anisimova. Series: Methods in molecular biology (Springer, Clifton, N.J.), 856, 2012. pp 239–272.
2. Moodley D, Pillay A, **Seebregts C**. Position Paper: Researching and Developing Open Architectures for National Health Information Systems in Developing African Countries. (Volume 7151) *In*: Liu Z, Wassying A, (eds). Foundations of Health Informatics Engineering and Systems: Springer Berlin Heidelberg; 2012. p. 129-39.

JOURNAL ARTICLE/S

3. **Murrell B**, de Oliveira T, **Seebregts C**, Kosakovsky Pond SL, Scheffler K; Southern African Treatment and Resistance Network-SATuRN Consortium. Modeling HIV-1 drug resistance as episodic directional selection. *PLoS Computational Biology*. 2012; 8(5): e1002507. DOI: 10.1371/journal.pcbi.1002507. Epub 2012 May 10.
4. **Murrell B**, Wertheim JO, Moola S, Weighill T, Scheffler K, Kosakovsky Pond SL. Detecting individual sites subject to episodic diversifying selection. *PLoS Genetics*. 2012; 8(7): e1002764. DOI: 10.1371/journal.pgen.1002764. Epub 2012 Jul 12.
5. Fisher R, van Zyl GU, Travers SA, Kosakovsky Pond SL, Engelbrech S, **Murrell B**, Scheffler K, Smith D. Deep sequencing reveals minor protease resistance mutations in patients failing a protease inhibitor regimen. *Journal of Virology*. 2012 Jun; 86(11): 6231-7. DOI: 10.1128/JVI.06541-11.
6. Sheward DJ, **Murrell B**, Williamson C. Degenerate Primer IDs and the birthday problem. *Proceedings of the National Academy of Sciences of the United States of America*. 2012 May 22; 109(21): E1330; author reply E1331. DOI: 10.1073/pnas.1203613109. Epub 2012 Apr 19. [Letter]

Bone Research Unit

JOURNAL ARTICLE/S

1. **Ripamonti U**, Roden LC, Renton LF. Osteoinductive hydroxyapatite-coated titanium implants. *Biomaterials*. 2012 May; 33(15): 3813-23. DOI: 10.1016/j.biomaterials.2012.01.050. Epub 2012 Feb 24.
2. **Ripamonti U**, Teare J, Ferretti C. A macroporous bioreactor super activated by the recombinant human transforming growth factor-beta 3. *Frontiers in Physiology*. 2012 Jun; 3: 172. DOI: 10.3389/fphys.2012.00172. Epub 2012 Jun 7.
3. Teare JA, Petit JC, **Ripamonti U**. Synergistic induction of periodontal tissue regeneration by binary application of human osteogenic protein-1 and human transforming growth factor- β 3 in Class II furcation defects of *Papio ursinus*. *Journal of Periodontal Research*. 2012 Jun; 47(3): 336-44. DOI: 10.1111/j.1600-0765.2011.01438.x. Epub 2011 Dec 6.

Burden of Disease Research Unit

JOURNAL ARTICLE/S

1. **Bradshaw D** and **Dorrington R**. Maternal mortality ratio - trend in the vital registration data. *South African Journal of Obstetrics and Gynaecology*. 2012 Apr; 18(2): 38-42.
2. Chokotho LC, **Matzopoulos R**, Myers JE. Assessing Quality of Existing Data Sources on Road Traffic Injuries (RTIs) and Their Utility in Informing Injury Prevention in the Western Cape Province, South Africa. *Traffic injury prevention*. 2013 Feb; 14(3): 267-73. DOI: 10.1080/15389588.2012.706760.

3. Chokotho LC, **Matzopoulos R**, Myers JE. Drivers' risk profile indicates the need for a graduated driving licence in South Africa. *South African Medical Journal*. 2012 Aug 22; 102(9): 749-51.
4. Haagsma JA, Polinder S, Lyons RA, Lund J, Ditsuwan V, **Prinsloo M**, JL Veerman , EF van Beeck. Improved and standardized method for assessing years lived with disability after injury. *Bulletin of the World Health Organization*. 2012; 90(7): 513-21.
5. **Joubert J**, Rao C, **Bradshaw D**, Dorrington RE, Vos T, Lopez AD. Characteristics, availability and uses of vital registration and other mortality data sources in post-democracy South Africa. *Global Health Action*. 2012, **5**: 19263 - <http://dx.doi.org/10.3402/gha.v5i0.19263>
6. London L, **Matzopoulos R**, Corrigan J, Myers J, Maker A, **Parry C**. Conflict of interest: A tenacious ethical dilemma in public health policy, not only in clinical practice/research. *South African Journal of Bioethics and Law*. 2012; 5(2): 102-108.
7. Lozano R, Naghavi M, Foreman K, Lim S, Shibuya K, Aboyans V, Abraham J, Adair T, Aggarwal R, Ahn SY, Alvarado M, Anderson HR, Anderson LM, Andrews KG, Atkinson C, Baddour LM, Barker-Collo S, Bartels DH, Bell ML, Benjamin EJ, Bennett D, Bhalla K, Bikbov B, Bin Abdulhak A, Birbeck G, Blyth F, Bolliger I, Boufous S, Bucello C, Burch M, Burney P, Carapetis J, Chen H, Chou D, Chugh SS, Coffeng LE, Colan SD, Colquhoun S, Colson KE, Condon J, Connor MD, Cooper LT, Corriere M, Cortinovis M, de Vaccaro KC, Couser W, Cowie BC, Criqui MH, Cross M, Dabhadkar KC, Dahodwala N, De Leo D, Degenhardt L, Delossantos A, Denenberg J, Des Jarlais DC, Dharmaratne SD, Dorsey ER, Driscoll T, Duber H, Ebel B, Erwin PJ, Espindola P, Ezzati M, Feigin V, Flaxman AD, Forouzanfar MH, Fowkes FG, Franklin R, Fransen M, Freeman MK, Gabriel SE, Gakidou E, Gaspari F, Gillum RF, Gonzalez-Medina D, Halasa YA, Haring D, Harrison JE, Havmoeller R, Hay RJ, Hoen B, Hotez PJ, Hoy D, Jacobsen KH, James SL, Jasrasaria R, Jayaraman S, Johns N, Karthikeyan G, Kassebaum N, Keren A, Khoo JP, Knowlton LM, Kobusingye O, Koranteng A, Krishnamurthi R, Lipnick M, Lipshultz SE, Ohno SL, Mabweijano J, MacIntyre MF, Mallinger L, March L, Marks GB, Marks R, Matsumori A, **Matzopoulos R**, Mayosi BM, McAnulty JH, McDermott MM, McGrath J, Mensah GA, Merriman TR, Michaud C, Miller M, Miller TR, Mock C, Mocumbi AO, Mokdad AA, Moran A, Mulholland K, Nair MN, Naldi L, Narayan KM, Nasseri K, Norman P, O'Donnell M, Omer SB, Ortblad K, Osborne R, Ozgediz D, Pahari B, Pandian JD, Rivero AP, Padilla RP, Perez-Ruiz F, Perico N, Phillips D, Pierce K, Pope CA 3rd, Porrini E, Pourmalek F, Raju M, Ranganathan D, Rehm JT, Rein DB, Remuzzi G, Rivara FP, Roberts T, De León FR, Rosenfeld LC, Rushton L, Sacco RL, Salomon JA, Sampson U, Sanman E, Schwebel DC, Segui-Gomez M, Shepard DS, Singh D, Singleton J, Sliwa K, Smith E, Steer A, Taylor JA, Thomas B, Tleyjeh IM, Towbin JA, Truelsen T, Undurraga EA, Venketasubramanian N, Vijayakumar L, Vos T, Wagner GR, Wang M, Wang W, Watt K, Weinstock MA, Weintraub R, Wilkinson JD, Woolf AD, Wulf S, Yeh PH, Yip P, Zabetian A, Zheng ZJ, Lopez AD, Murray CJ. Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010. *Lancet*. 2012 Dec 15; 380(9859): 2095-128. DOI: 10.1016/S0140-6736(12)61728-0.
8. Murray CJ, Vos T, Lozano R, Naghavi M, Flaxman AD, Michaud C, Ezzati M, Shibuya K, Salomon JA, Abdalla S, Aboyans V, Abraham J, Ackerman I, Aggarwal R, Ahn SY, Ali MK, Alvarado M, Anderson HR, Anderson LM, Andrews KG, Atkinson C, Baddour LM, Bahalim AN, Barker-Collo S, Barrero LH, Bartels DH, Basáñez MG, Baxter A, Bell ML, Benjamin EJ, Bennett D, Bernabé E, Bhalla K, Bhandari B, Bikbov B, Bin Abdulhak A, Birbeck G, Black JA, Blencowe H, Blore JD, Blyth F, Bolliger I, Bonaventure A, Boufous S, Bourne R, Boussinesq M, Braithwaite T, Brayne C, Bridgett L, Brooker S, Brooks P, Brugha TS, Bryan-Hancock C, Bucello C, Buchbinder R, Buckle G, Budke CM, Burch M, Burney P, Burstein R, Calabria B, Campbell B,

Canter CE, Carabin H, Carapetis J, Carmona L, Cella C, Charlson F, Chen H, Cheng AT, Chou D, Chugh SS, Coffeng LE, Colan SD, Colquhoun S, Colson KE, Condon J, Connor MD, Cooper LT, Corriere M, Cortinovis M, de Vaccaro KC, Couser W, Cowie BC, Criqui MH, Cross M, Dabhadkar KC, Dahiya M, Dahodwala N, Damsere-Derry J, Danaei G, Davis A, De Leo D, Degenhardt L, Dellavalle R, Delossantos A, Denenberg J, Derrett S, Des Jarlais DC, Dharmaratne SD, Dherani M, Diaz-Torne C, Dolk H, Dorsey ER, Driscoll T, Duber H, Ebel B, Edmond K, Elbaz A, Ali SE, Erskine H, Erwin PJ, Espindola P, Ewoigbokhan SE, Farzadfar F, Feigin V, Felson DT, Ferrari A, Ferri CP, Fèvre EM, Finucane MM, Flaxman S, Flood L, Foreman K, Forouzanfar MH, Fowkes FG, Fransen M, Freeman MK, Gabbe BJ, Gabriel SE, Gakidou E, Ganatra HA, Garcia B, Gaspari F, Gillum RF, Gmel G, Gonzalez-Medina D, Gosselin R, Grainger R, Grant B, Groeger J, Guillemin F, Gunnell D, Gupta R, Haagsma J, Hagan H, Halasa YA, Hall W, Haring D, Haro JM, Harrison JE, Havmoeller R, Hay RJ, Higashi H, Hill C, Hoen B, Hoffman H, Hotez PJ, Hoy D, Huang JJ, Ibeanusi SE, Jacobsen KH, James SL, Jarvis D, Jasrasaria R, Jayaraman S, Johns N, Jonas JB, Karthikeyan G, Kassebaum N, Kawakami N, Keren A, Khoo JP, King CH, Knowlton LM, Kobusingye O, Koranteng A, Krishnamurthi R, Laden F, Lalloo R, Laslett LL, Lathlean T, Leasher JL, Lee YY, Leigh J, Levinson D, Lim SS, Limb E, Lin JK, Lipnick M, Lipshultz SE, Liu W, Loane M, Ohno SL, Lyons R, Mabweijano J, MacIntyre MF, Malekzadeh R, Mallinger L, Manivannan S, Marcenes W, March L, Margolis DJ, Marks GB, Marks R, Matsumori A, **Matzopoulos R**, Mayosi BM, McAnulty JH, McDermott MM, McGill N, McGrath J, Medina-Mora ME, Meltzer M, Mensah GA, Merriman TR, Meyer AC, Miglioli V, Miller M, Miller TR, Mitchell PB, Mock C, Mocumbi AO, Moffitt TE, Mokdad AA, Monasta L, Montico M, Moradi-Lakeh M, Moran A, Morawska L, Mori R, Murdoch ME, Mwaniki MK, Naidoo K, Nair MN, Naldi L, Narayan KM, Nelson PK, Nelson RG, Nevitt MC, Newton CR, Nolte S, Norman P, Norman R, O'Donnell M, O'Hanlon S, Olives C, Omer SB, Ortblad K, Osborne R, Ozgediz D, Page A, Pahari B, Pandian JD, Rivero AP, Patten SB, Pearce N, Padilla RP, Perez-Ruiz F, Perico N, Pesudovs K, Phillips D, Phillips MR, Pierce K, Pion S, Polanczyk GV, Polinder S, Pope CA 3rd, Popova S, Porrini E, Pourmalek F, Prince M, Pullan RL, Ramaiah KD, Ranganathan D, Razavi H, Regan M, Rehm JT, Rein DB, Remuzzi G, Richardson K, Rivara FP, Roberts T, Robinson C, De León FR, Ronfani L, Room R, Rosenfeld LC, Rushton L, Sacco RL, Saha S, Sampson U, Sanchez-Riera L, Sanman E, Schwebel DC, Scott JG, Segui-Gomez M, Shahraz S, Shepard DS, Shin H, Shivakoti R, Singh D, Singh GM, Singh JA, Singleton J, Sleet DA, Sliwa K, Smith E, Smith JL, Stapelberg NJ, Steer A, Steiner T, Stolk WA, Stovner LJ, Sudfeld C, Syed S, Tamburlini G, Tavakkoli M, Taylor HR, Taylor JA, Taylor WJ, Thomas B, Thomson WM, Thurston GD, Tleyjeh IM, Tonelli M, Towbin JA, Truelsen T, Tsilimbaris MK, Ubeda C, Undurraga EA, van der Werf MJ, van Os J, Vavilala MS, Venketasubramanian N, Wang M, Wang W, Watt K, Weatherall DJ, Weinstock MA, Weintraub R, Weisskopf MG, Weissman MM, White RA, Whiteford H, Wiebe N, Wiersma ST, Wilkinson JD, Williams HC, Williams SR, Witt E, Wolfe F, Woolf AD, Wulf S, Yeh PH, Zaidi AK, Zheng ZJ, Zonies D, Lopez AD, AlMazroa MA, Memish ZA. Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. *Lancet*. 2012 Dec 15; 380(9859): 2197-223. DOI: 10.1016/S0140-6736(12)61689-4.

9. **Nojilana B**, Brewer LP, **Bradshaw D**, **Groenewald P**, Burger E, Levitt NS. Certification of diabetes-related mortality: the need for an international guideline. *Journal of Clinical Epidemiology*. 2013 Feb; 66(2): 236-7. DOI: 10.1016/j.jclinepi.2012.07.017. Epub 2012 Nov 15. [Letter]
10. **Prinsloo M**, **Laubscher R**, **Neethling I**, **Bradshaw D**. Fatal violence among children under 15 years in four cities of South Africa, 2001-2005. *International Journal of Injury Control and Safety Promotion*. 2012 Jun; 19(2): 181-4. DOI: 10.1080/17457300.2011.635211

11. Vos T, Flaxman AD, Naghavi M, Lozano R, Michaud C, Ezzati M, Shibuya K, Salomon JA, Abdalla S, Aboyans V, Abraham J, Ackerman I, Aggarwal R, Ahn SY, Ali MK, AlMazroa MA, Alvarado M, Anderson HR, Anderson LM, Andrews KG, Atkinson C, Baddour LM, Bahalim AN, Barker-Collo S, Barrero LH, Bartels DH, Basáñez M-G, Baxter A, Bell ML, Benjamin EJ, Bennett D, Bernabé E, Bhalla K, Bhandari B, Bikbov B, Abdulhak AB, Birbeck G, Black JA, Blencowe H, Blore JD, Blyth F, Bolliger I, Bonaventure A, Boufous S, Bourne R, Boussinesq M, Braithwaite T, Brayne C, Bridgett L, Brooker S, Brooks P, Brugha TS, Bryan-Hancock C, Bucello C, Buchbinder R, Buckle G, Budke CM, Burch M, Burney P, Burstein R, Calabria B, Campbell B, Canter CE, Carabin H, Carapetis J, Carmona L, Cella C, Charlson F, Chen H, Cheng AT-A, Chou D, Chugh SS, Coffeng LE, Colan SD, Colquhoun S, Colson KE, Condon J, Connor MD, Cooper LT, Corriere M, Cortinovis M, de Vaccaro KC, Couser W, Cowie BC, Criqui MH, Cross M, Dabhadkar KC, Dahiya M, Dahodwala N, Damsere-Derry J, Danaei G, Davis A, De Leo D, Degenhardt L, Dellavalle R, Delossantos A, Denenberg J, Derrett S, Des Jarlais DC, Dharmaratne SD, Dherani M, Diaz-Torne C, Dolk H, Dorsey ER, Driscoll T, Duber H, Ebel B, Edmond K, Elbaz A, Ali SE, Erskine H, Erwin PJ, Espindola P, Ewoigbokhan SE, Farzadfar F, Feigin V, Felson DT, Ferrari A, Ferri CP, Fèvre EM, Finucane MM, Flaxman S, Flood L, Foreman K, Forouzanfar MH, Fowkes FGR, Franklin R, Fransen M, Freeman MK, Gabbe BJ, Gabriel SE, Gakidou E, Ganatra HA, Garcia B, Gaspari F, Gillum RF, Gmel G, Gosselin R, Grainger R, Groeger J, Guillemin F, Gunnell D, Gupta R, Haagsma J, Hagan H, Halasa YA, Hall W, Haring D, Haro JM, Harrison JE, Havmoeller R, Hay RJ, Higashi H, Hill C, Hoen B, Hoffman H, Hotez PJ, Hoy D, Huang JJ, Ibeanusi SE, Jacobsen KH, James SL, Jarvis D, Jasrasaria R, Jayaraman S, Johns N, Jonas JB, Karthikeyan G, Kassebaum N, Kawakami N, Keren A, Khoo J-P, King CH, Knowlton LM, Kobusingye O, Koranteng A, Krishnamurthi R, Laloo R, Laslett LL, Lathlean T, Leasher JL, Lee YY, Leigh J, Lim SS, Limb E, Lin JK, Lipnick M, Lipshultz SE, Liu W, Loane M, Ohno SL, Lyons R, Ma J, Mabweijano J, MacIntyre MF, Malekzadeh R, Mallinger L, Manivannan S, Marcenes W, March L, Margolis DJ, Marks GB, Marks R, Matsumori A, **Matzopoulos R**, Mayosi BM, McAnulty JH, McDermott MM, McGill N, McGrath J, Medina-Mora ME, Meltzer M, Memish ZA, Mensah GA, Merriman TR, Meyer A-C, Miglioli V, Miller M, Miller TR, Mitchell PB, Mocumbi AO, Moffitt TE, Mokdad AA, Monasta L, Montico M, Moradi-Lakeh M, Moran A, Morawska L, Mori R, Murdoch ME, Mwaniki MK, Naidoo K, Nair MN, Naldi L, Narayan KMV, Nelson PK, Nelson RG, Nevitt MC, Newton CR, Nolte S, Norman P, Norman R, O'Donnell M, O'Hanlon S, Olives C, Omer SB, Ortblad K, Osborne R, Ozgediz D, Page A, Pahari B, Pandian JD, Rivero AP, Patten SB, Pearce N, Padilla RP, Perez-Ruiz F, Perico N, Pesudovs K, Phillips D, Phillips MR, Pierce K, Pion S, Polanczyk GV, Polinder S, Pope Iii CA, Popova S, Porrini E, Pourmalek F, Prince M, Pullan RL, Ramaiah KD, Ranganathan D, Razavi H, Regan M, Rehm JT, Rein DB, Remuzzi G, Richardson K, Rivara FP, Roberts T, Robinson C, De León FR, Ronfani L, Room R, Rosenfeld LC, Rushton L, Sacco RL, Saha S, Sampson U, Sanchez-Riera L, Sanman E, Schwebel DC, Scott JG, Segui-Gomez M, Shahraz S, Shepard DS, Shin H, Shivakoti R, Singh D, Singh GM, Singh JA, Singleton J, Sleet DA, Sliwa K, Smith E, Smith JL, Stapelberg NJC, Steer A, Steiner T, Stolk WA, Stovner LJ, Sudfeld C, Syed S, Tamburlini G, Tavakkoli M, Taylor HR, Taylor JA, Taylor WJ, Thomas B, Thomson WM, Thurston GD, Tleyjeh IM, Tonelli M, Towbin JA, Truelsen T, Tsilimbaris MK, Ubeda C, Undurraga EA, van der Werf MJ, van Os J, Vavilala MS, Venketasubramanian N, Wang M, Wang W, Watt K, Weatherall DJ, Weinstock MA, Weintraub R, Weisskopf MG, Weissman MM, White RA, Whiteford H, Wiersma ST, Wilkinson JD, Williams HC, Williams SRM, Witt E, Wolfe F, Woolf AD, Wulf S, Yeh P-H, Zaidi AKM, Zheng Z-J, Zonies D, Lopez AD, Murray CJL. Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*. 2012;380(9859):2163-96

12. Ward CL, Artz L, Berg J, Boonzaier F, Crawford-Browne S, Dawes A, Foster D, **Matzopoulos R**, Nicol A, Seekings J, **Van As S**, **Van der Spuy E**. Violence, violence prevention, and safety: A research agenda for South Africa. *South African Medical Journal*. 2012 Mar 7; 102(4): 215-218.

TECHNICAL REPORT/S

11. **Bradshaw D**, Dorrington RE, **Laubscher R**. Rapid Mortality Surveillance 2011. *Technical Report*. Cape Town: South African Medical Research Council; August 2012. ISBN: 978-1-920618-00-1.
12. **Nannan N**, **Dorrington RE**, **Laubscher R**, **Zinyakatira N**, **Prinsloo M**, **Darikwa T**, **Matzopoulos R**, **Bradshaw D**. Under-5 mortality statistics in South Africa: Shedding some light on the trend and causes 1997-2007. *Technical Report*. Cape Town: South African Medical Research Council; April 2012.

Cancer Epidemiology Research Group

JOURNAL ARTICLE/S

1. Baker GL, **Babb C**, Schnugh DJ, Naylor SJ, Louw M, Goedhals J, Bringuier P, Blay J, Willem P. Molecular characterization of gastrointestinal stromal tumours (GISTs) in a South African population. *Oncology Letter*. 2013 Jan; 5: 155 – 160.
2. Collaborative Group on Epidemiological Studies of Ovarian Cancer. Ovarian cancer and smoking: individual participant meta-analysis including 28 114 women with ovarian cancer from 51 epidemiological studies. *Lancet Oncology*. 2012 Sep; 13(9): 946-56.

Centre for Molecular and Cellular Biology

JOURNAL ARTICLE/S

1. **Baumann R**, Kaempfer S, **Chegou NN**, Nene NF, Veenstra H, Spallek R, Bolliger C, Lukey P, **van Helden PD**, Singh M, **Walzl G**. Serodiagnostic markers for the prediction of the outcome of intensive phase tuberculosis therapy. *Tuberculosis (Edinb)*. 2013 Mar; 93(2): 239-245. DOI: 10.1016/j.tube.2012.09.003. Epub 2012 Nov 2.
2. Botha MH, Veenstra H, van der Merwe WK, Laeng RH, Nevin J, van Wijk L, Soeters R, Bird S, **van Helden PD**. Preliminary investigation of a new serum marker for ovarian cancer. *Southern African Journal of Gynaecological Oncology*. 2012, 4(1):13-20.
3. **Chegou NN**, **Essone PN**, **Loxton AG**, **Stanley K**, **Black GF**, **van der Spuy GD**, **van Helden PD**, Franken KL, Parida SK, Klein MR, Kaufmann SHE, Ottenhoff TH, **Walzl G**. Potential of Host Markers Produced by Infection Phase-dependent Antigen-stimulated Cells for the Diagnosis of Tuberculosis in a Highly Endemic Area. *PLoS One*. 2012, 7(6): e38501. DOI: 10.1371/journal.pone.0038501. Epub 2012 Jun 5.
4. Chihota VN, van Halsema CL, Grant AD, Fielding KL, **van Helden PD**, Churchyard GJ, **Gey van Pittius NC**. Spectrum of non-tuberculous mycobacteria identified using standard biochemical testing versus 16S sequencing. *International journal of tuberculosis and lung disease*. 2013 Feb; 17(2): 267-9. DOI: 10.5588/ijtld.12.0425. Epub 2012 Dec 8.

5. Cliff JM, Lee JS, Constantinou N, Cho JE, Clark T, **Ronacher K**, King EL, Lukey PT, Duncan K, **van Helden PD**, **Walzl G**, Dockrell HM. Distinct phases of blood gene expression pattern through tuberculosis treatment reflect modulation of the humoral immune response. *Journal of Infectious Diseases*. 2013 Jan 1; 207(1): 18-29. DOI: 10.1093/infdis/jis499. Epub 2012 Aug 7.
6. Cohen T, **van Helden PD**, Wilson D, Colijn C, McLaughlin MM, Abubakar I, **Warren RM**. Mixed strain *Mycobacterium tuberculosis* infections: implications for tuberculosis treatment and control. *Clinical Microbiology Reviews*. 2012 Oct; 25(4): 708-19. DOI: 10.1128/CMR.00021-12.
7. Crotti L, Spazzolini C, Porretta AP, Dagradi F, Taravelli E, Petracci B, Vicentini A, Pedrazzini M, La Rovere MT, Vanoli E, **Goosen A**, Heradien M, George Jr AL, Brink PA, **Schwartz PJ**. Vagal Reflexes Following an Exercise Stress Test: A Simple Clinical Tool for Gene-Specific Risk Stratification in the Long QT Syndrome. *Journal of the American College of Cardiology*. 2012 Dec; 60(24): 2515-24.
8. **De Vos M**, **Muller B**, Borrell S, **Black PA**, **van Helden PD**, **Warren RM**, Gagneux S, **Victor TC**. Putative compensatory mutations in the rpoC gene of rifampicin-resistant *Mycobacterium tuberculosis* are associated with ongoing transmission. *Antimicrobial Agents and Chemotherapy*. 2013 Feb; 57(2): 827-32. DOI: 10.1128/AAC.01541-12. Epub 2012 Dec 3.
9. Diacon AH, Dawson R, du Bois J, Narunsky K, **Venter A**, Donald PR, van Niekerk C, Erondy N, Ginsberg AM, **Becker P**, Spigelman MK. Phase II dose-ranging trial of the early bactericidal activity of PA-824. *Antimicrobial Agents and Chemotherapy*. 2012 Jun; 56(6): 3027-31.
10. Diacon AH, Dawson R, von Groote-Bidlingmaier F, Symons G, **Venter A**, Donald PR, van Niekerk C, Everitt D, Winter H, **Becker P**, Mendel CM, Spigelman MK. 14-day bactericidal activity of PA-824, bedaquiline, pyrazinamide, and moxifloxacin combinations: a randomised trial. *Lancet*. 2012 Sep 15; 380(9846): 986-93. DOI: 10.1016/S0140-6736(12)61080-0.
11. **Diacon AH**, **Maritz JS**, **Venter A**, **Van Helden PD**, Dawson R, Donald PR. Time to liquid culture positivity can substitute for colony counting on agar plates in early bactericidal activity studies of antituberculosis agents. *Clinical Microbiology Infection*. 2012 Jul; 18(7):711-7. DOI: 10.1111/j.1469-0691.2011.03626.x.
12. Hemmings SMJ, Martin LI, **Klopper M**, **van der Merwe L**, Aitken L, **de Wit E**, **Black GF**, **Hoal EG**, **Walzl G**, Seedat S. *BDNF Val66Met* and *DRD2 Taq1A* polymorphisms interact to influence PTSD symptom severity: a preliminary investigation in a South African population. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*. 2013 Jan 10; 40: 273-80. DOI: 10.1016/j.pnpbp.2012.10.011. Epub 2012 Oct 26.
13. **Jacobson KR**, Theron D, Kendall EA, Franke MF, **Barnard M**, **van Helden PD**, **Victor TC**, **Streicher EM**, Murray MB, **Warren RM**. Implementation of genotype MTBDRplus reduces time to multidrug-resistant tuberculosis therapy initiation in South Africa. *Clinical infectious diseases*. 2013 Feb; 56(4): 503-8. DOI: 10.1093/cid/cis920. Epub 2012 Oct 22.
14. Katale BZ, Mbugi EV, Kendal S, Fyumagwa RD, Kibiki GS, Godfrey-Faussett P, Keyyu JD, **Van Helden PD**, Matee MI. Bovine tuberculosis at the human-livestock-wildlife interface: Is it a

public health problem in Tanzania?: A review. *Onderstepoort Journal of Veterinary Research*. 2012 Jun; 79(2): 1-8.

15. **Le Roex N**, Noyes H, Brass A, Bradley DG, Kemp SJ, Kay S, **van Helden PD**, **Hoal EG**. Novel SNP Discovery in African Buffalo, *Syncerus caffer*, Using High-Throughput Sequencing. *PLoS One*. 2012 Nov; 7(11): e48792. DOI: 10.1371/journal.pone.0048792. Epub 2012 Nov 7.
16. Loxton AG, Black GF, Stanley K, **Walzl G**. Heparin-Binding Hemagglutinin Induces IFN- γ + IL-2+ IL-17+ Multifunctional CD4+ T Cells during Latent but Not Active Tuberculosis Disease. *Clinical and Vaccine Immunology*. 2012 May; 19(5): 746-751. DOI: 10.1128/CVI.00047-12.
17. **Macingwana L**, **Baker B**, **Ngwane A**, **Harper C**, Cotton M, Hesselting A, **Diacon A**, **van Helden PD**, **Wiid I**. Sulfamethoxazole enhances the antimycobacterial activity of Rifampicin. *Journal of Antimicrobial Chemotherapy*. 2012 Dec; 67(12): 2908-11. DOI: 10.1093/jac/dks306. Epub 2012 Aug 8.
18. Mbugi EV, Katale BZ, Kendall S, Good L, Kibiki GS, Keyyu JD, Godfrey-Faussett P, **van Helden PD**, Matee MI. Tuberculosis cross-species transmission in Tanzania: Towards a One-Health concept. *Onderstepoort Journal of Veterinary Research*. 2012 Jul 20; 79(2): E1-6. DOI: 10.4102/ojvr.v79i2.501.
19. Mbugi EV, Kayunze KA, Katale BZ, Kendall S, Good L, Kibiki GS, Keyyu JD, Godfrey-Faussett P, **van Helden PD**, Matee MI. 'One Health' infectious diseases surveillance in Tanzania: Are we all on board the same flight? *Onderstepoort Journal of Veterinary Research*. 2012; 79(2): 1-7. DOI: 10.4102/ojvr.v79i2.500
20. Miller M, Joubert J, Mathebelu N, De Klerk- Lorist L, Lyashchenko KP, Bengis R, **van Helden PD**, Hofmeyer M, Olea – Popelka F, Greenwald R, Esfandiara J, Buss P. Detection of antibodies to tuberculosis antigens in free –ranging lions (*Panthera Leo*) infected with *Mycobacterium bovis* in Kruger National Park, South Africa. *Journal of Zoo and Wildlife Medicine*. 2012 Jun; 43(2): 317-23.
21. **Newton-Foot M**, **Gey van Pittius NC**. The complex architecture of mycobacterial promoters. *Tuberculosis (Edinburgh, Scotland)*. 2012 Sep 24. [Epub ahead of print] DOI: 10.1016/j.tube.2012.08.003.
22. Parsons SD, **Warren RM**, Ottenhoff THM, **Gey van Pittius NC**, **Van Helden PD**. Detection of *Mycobacterium tuberculosis* infection in dogs in a high-risk setting. *Research in Veterinary Science* 2012 Jun; 92(3): 414-9. DOI: 10.1016/j.rvsc.2011.03.026.
23. Parsons SDC, Menezes AM, Cooper D, **Walzl G**, **Warren RM**, **van Helden PD**. Development of a diagnostic gene expression assay for tuberculosis and its use under field conditions in African buffaloes (*Syncerus caffer*). *Veterinary Immunology and Immunopathology*. 2012 Aug 15; 148(3-4): 337-42. DOI: 10.1016/j.vetimm.2012.04.025. Epub 2012 May 19.
24. Seddon JA, Hesselting AC, Marais BJ, **Jordaan A**, **Victor T**, Schaaf HS. The evolving epidemic of drug-resistant tuberculosis among children in Cape Town, South Africa. *International Journal of Tuberculosis and Lung Disease*. 2012 Jul; 16(7): 928-33. Epub 2012 May 8.
25. Seddon JA, **Jordaan AM**, **Victor TC**, Schaaf HS. Discordant drug susceptibility for mycobacterium tuberculosis within families. *Pediatric Infectious Disease Journal*. 2012 Jul;

31(7): 783-5. DOI: 10.1097/INF.0b013e3182567c20.

26. Seddon JA, Visser DH, Bartens M, **Jordaan AM, Victor TC**, van Furth AM, Schoeman JF, Schaaf HS. Impact of drug resistance on clinical outcome in children with tuberculous meningitis. *Pediatric Infectious Disease Journal*. 2012 Jul; 31(7): 711-6. DOI: 10.1097/INF.0b013e318253acf8.
27. Sirgel FA, Tait M, **Warren RM**, Streicher EM, Böttger EC, **Van Helden PD, Gey van Pittius NC**, Coetzee G, Hoosain EY, Chabula-Nxiweni M, Hayes C, Victor TC, Trollip A. Mutations in the rrs A1401G Gene and Phenotypic Resistance to Amikacin and Capreomycin in Mycobacterium tuberculosis. *Microbial Drug Resistance*. 2012 Apr; 18(2): 193-7. DOI: 10.1089/mdr.2011.0063. Epub 2011 Jul 6.
28. **Sirgel FA, Warren RM, Bottger EC, Klopper M, Victor TC, van Helden PD**. The rationale for using Rifabutin in the treatment of MDR and XDR tuberculosis outbreaks. *PLoS One*. 2013 March; 8(3): e59414. DOI: 10.1371/journal.pone.0059414. Epub 2013 Mar 19.
29. Sirgel FA, **Warren RM**, Streicher EM, Victor TC, **van Helden PD**, Böttger EC. gyrA mutations and phenotypic susceptibility levels to ofloxacin and moxifloxacin in clinical isolates of Mycobacterium tuberculosis. *Journal of Antimicrobial Chemotherapy*. 2012 May; 67(5): 1088-93. DOI: 10.1093/jac/dks033. Epub 2012 Feb 22.
30. Streicher E, Bergval I, Dheda K, Bottger E, **Gey van Pittius NC**, Bosman M, Coetzee G, Anthony R, **van Helden PD**, Victor TC, **Warren RM**. Mycobacterium tuberculosis population structure determines the outcome of genetic based second-line drug testing. *Antimicrobial Agents and Chemotherapy*. 2012 May; 56(5): 2420-7. DOI: 10.1128/AAC.05905-11. Epub 2012 Feb 13.
31. Streicher EM, Müller B, Chihota V, Mlambo C, Tait M, Pillay M, Trollip A, Hoek KGP, Sirgel FA, **Gey van Pittius NC, Van Helden PD**, Victor TC, **Warren RM**. Emergence and treatment of multidrug resistant (MDR) and extensively drug-resistant (XDR) tuberculosis in South Africa. *Infection, Genetics and Evolution*. 2012 Jun; 12(4): 686-94. DOI: 10.1016/j.meegid.2011.07.019. Epub 2011 Aug 4.
32. **Van Helden PD**. The cost of research in developing countries. *EMBO Reports*. 2012, 13(5): 395.

Dissertation/s

33. **De Vos M**. Identification of mechanisms regulating the intra cellular concentration of Rifampicin in *Mycobacterium tuberculosis* [*PhD dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2013.
34. **Fortuin S**. The evolution of the *Mycobacterium tuberculosis* proteome in response to the development of drug resistance [*PhD dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2013.
35. **Newton-Foot M**. Understanding the evolution and function of the mycobacterial Type VII ESX secretion systems (T7SSs) and their substrates [*PhD dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2013.
36. **Willemse D**. Regulation of efflux in rifampicin resistant mutants of *Mycobacterium tuberculosis* [*Masters dissertation*]. [Cape Town, South Africa]: University of Stellenbosch;

2013.

Chronic Diseases of Lifestyle Research Unit

JOURNAL ARTICLE/S

1. **De Villiers A**, Steyn NP, Draper CE, Fourie JM, Barkhuizen G, Lombard CJ, Dalais L, Abrahams Z, Lambert EV. "HealthKick": Formative assessment of the health environment in low-resource primary schools in the Western Cape Province of South Africa. *BMC Public Health*. 2012 Sep; 12(1): 794. DOI: 10.1186/1471-2458-12-794.
2. Parker W, Steyn NP, **McHiza Z**, Nthangeni G, Mbhenyane X, Dannhauser A, Moeng L, Wentzel-Viljoen E. Dietitians in South Africa require more competencies in public health nutrition and management to address the nutritional needs of South Africans. *Ethn Dis*. 2013;23(1):87-94.
3. **Peer N**, Bradshaw D, Laubscher R, Steyn N, Steyn K. Urban-rural and gender differences in tobacco and alcohol use, diet and physical activity among young black South Africans between 1998 and 2003. *Global Health Action*. 2013 Jan 29; 6: 19216. DOI: 10.3402/gha.v6i0.19216.
4. **Peer N**, Steyn K, Lombard C, Lambert EV, Vythilingum B, and Levitt NS. Rising Diabetes Prevalence among Urban-dwelling Black South Africans. *PLoS One* 2012; 7(9): e43336. DOI: 10.1371/journal.pone.0043336. Epub 2012 Sep 4.
5. Puoane TR, **Fourie JM**, Tsolekile L, Nel JH, Temple NJ. What Do Black South African Adolescent Girls Think About Their Body Size? *Journal of Hunger & Environmental Nutrition* 2013 Mar; 8(1): 85-94. DOI: 10.1080/19320248.2012.758067.
6. Puoane TR, Tsolekile L, Igumbor EU, **Fourie JM**. Experiences in Developing and Implementing Health Clubs to Reduce Hypertension Risk among Adults in a South African Population in Transition. *International Journal of Hypertension*. 2012; 2012: 913960. DOI: 10.1155/2012/913960. Epub 2012 Aug 16.
7. Taljaard C, De Lange Z, Malibe P, **McHiza Z**. Nutrition leadership in Africa: making the change. *South African Journal of Clinical Nutrition*. 2012; 25 (3): 154. [Letter]

Clinical and Biomedical Tuberculosis Research Unit

JOURNAL ARTICLE/S

1. Diacon AH, Donald PR, **Pym A**, Grobusch M, Patientia RF, **Mahanyele R**, Bantubani N, Narasimooloo R, De Marez T, van Heeswijk R, Lounis N, Meyvisch P, Andries K, McNeeley DF. Randomized pilot trial of eight weeks of bedaquiline (TMC207) treatment for multidrug-resistant tuberculosis: Long-term outcome, tolerability, and effect on emergence of drug resistance. *Antimicrobial Agents and Chemotherapy*. 2012 Jun; 56(6): 3271-6.
2. Holtz TH, **Rustomjee R**, **Mthiyane T**. Diagnosis and treatment of pulmonary tuberculosis in patients with HIV - Author's reply. *Lancet Infectious Diseases*. 2012 Apr; 12(4): 268-9.
3. McIlleron H, **Rustomjee R**, Vahedi M, Mthiyane T, Denti P, Connolly C, Rida W, Pym A, Smith PJ, Onyebujoh PC. Reduced antituberculosis drug concentrations in HIV-infected patients who are men or have low weight: Implications for international dosing guidelines. *Antimicrobial Agents and Chemotherapy*. 2012 Jun; 56(6): 3232-8. DOI: 10.1128/AAC.05526-11.

4. Merle CS, Sismanidis C, Bah Sow O, Gninafon M, Horton J, Lapujade O, Lo MB, Mitchinson DA, Perronne C, Portaels F, Odhiambo J, Olliaro P, **Rustomjee R**, Lienhardt C, Fielding K. A pivotal registration phase III, multicenter, randomized tuberculosis controlled trial: design issues and lessons learnt from the Gatifloxacin for TB (OFLOTUB) project. *Trials*. 2012 May 18; 13(1): 61. DOI: 10.1186/1745-6215-13-61.
5. Miiro GM, Ouwe Missi Oukem-Boyer O, Sarr O, Rahmani M, Ntoumi F, Dheda K, **Pym A**, Mboup S, Kaleebu P; NoEs' programme. EDCTP regional networks of excellence: initial merits for planned clinical trials in Africa. *BMC Public Health*. 2013 Mar 22; 13: 258. DOI: 10.1186/1471-2458-13-258.
6. Riou C, Perez Peixoto B, Roberts L, Ronacher K, Walzl G, Manca C, **Rustomjee R**, **Mthiyane T**, Fallows D, Gray CM, Kaplan G. Effect of standard tuberculosis treatment on plasma cytokine levels in patients with active pulmonary tuberculosis. *PLoS One*. 2012 May; 7(5): e36886. DOI: 10.1371/journal.pone.0036886. Epub 2012 May 14.
7. Sloan DJ, Corbett EL, Butterworth AE, Mwandumba HC, Khoo SH, Mdolo A, Shani D, Kamdolozi M, **Allen J**, Mitchison DA, Coleman DJ, Davies GR. Optimizing outpatient serial sputum colony counting for studies of tuberculosis treatment in resource-poor settings. *Journal of Clinical Microbiology*. 2012 Jul; 50(7): 2315-20. DOI: 10.1128/JCM.00043-12. Epub 2012 May 9.
8. Smythe W, Khandelwal A, Merle C, **Rustomjee R**, Gninafon M, Bocar Lo M, Sow OB, Olliaro PL, Lienhardt C, Horton J, Smith P, McIlleron H, Simonsson US. A semimechanistic pharmacokinetic-enzyme turnover model for rifampin autoinduction in adult tuberculosis patients. *Antimicrobial Agents and Chemotherapy*. 2012 Apr; 56(4): 2091-8. DOI: 10.1128/AAC.05792-11. Epub 2012 Jan 17.

Collaborative Programme on Cardiovascular & Metabolic Diseases

JOURNAL ARTICLE/S

1. Ama V, **Kengne AP**, Nansseu NJ, Nouthe B, Sobngwi E. Would sickle cell trait influence the metabolic control in sub-Saharan individuals with type 2 diabetes? *Diabetic medicine: a journal of the British Diabetic Association*. 2012 Sep; 29(9): e334-7.
2. Choukem SP, Dzudie A, Dehayem M, Halle MP, Doualla MS, Luma H, **Kengne AP**. Comparison of different blood pressure indices for the prediction of prevalent diabetic nephropathy in a sub-Saharan African population with type 2 diabetes. *Pan African Medical Journal*. 2012 Apr; 11: 67.
3. Dzudie A, Choukem SP, Adam AK, **Kengne AP**, Gouking P, Dehayem MY, Kamdem F, Doualla MS, Joko HA, Lobe MEE, Mbouende YM, Luma H, Mbanya JC, Kingue S. Prevalence and determinants of electrocardiographic abnormalities in sub-Saharan African individuals with type 2 diabetes. *Cardiovascular Journal of Africa*. 2012 Nov; 23(10): 533-7. DOI: 10.5830/CVJA-2012-054. Epub 2012 Sep 19.

4. Dzudie A, **Kengne AP**, Muna WF, Ba H, Menanga A, Kouam Kouam C, Abah J, Monkam Y, Biholong C, Mintom P, Kamdem F, Djomou A, Ndjebet J, Wambo C, Luma H, Ngu KB, Kingue S; CCS investigator group. Prevalence, awareness, treatment and control of hypertension in a self-selected sub-Saharan African urban population: a cross-sectional study. *BMJ Open*. 2012 Aug; 2(4): e001217. DOI: 10.1136/bmjopen-2012-001217.
5. Echouffo-Tcheugui JB, **Kengne AP**. A United Nation High Level Meeting on chronic non-communicable diseases: Utility for Africa? *Pan African Medical Journal*. 2012 Apr; 11:71. Epub 2012 Apr 16.
6. Echouffo-Tcheugui JB, **Kengne AP**. Risk models to predict chronic kidney disease and its progression: A systematic review. *PLoS Medicine*. 2012 Nov; 9(11): e1001344. DOI: 10.1371/journal.pmed.1001344. Epub 2012 Nov 20. [Review].
7. Echouffo-Tcheugui JB, Mayige M, Okeoghene AO, Sobngwi E, **Kengne AP**. Screening for hyperglycemia in the developing world: Rationale, Challenges and Opportunities. *Diabetes Research and Clinical Practice*. 2012 Nov; 98(2): 199-208. DOI: 10.1016/j.diabres.2012.08.003. Epub 2012 Sep 10.
8. Erasmus RT, Soita DJ, Hassan MS, Blanco E, Vergotine Z, **Kengne AP**, Matsha TE. High Prevalence of Diabetes Mellitus and Metabolic Syndrome in a South African coloured Population: Baseline data of a study in Bellville, Cape Town. *South African Medical Journal*. 2012 Oct 8; 102(11 Pt 1): 841-4. DOI: 10.7196/samj.5670.
9. Kaze Folefack F, **Kengne AP**, Atanga LC, Halle MP, Monny Lobe M, Menanga AP, Chetcha B, Ngo Sack F, Kingue S, Ashuntantang G. Kidney function, urinalysis abnormalities and correlates in Equatorial Africans with sickle cell disease. *Clinical Kidney Journal*. 2013 Feb; 6(1): 15-20.
10. **Kengne AP**, Czernichow S, Hamer M, Batty GD, Stamatakis E. Anaemia, Haemoglobin Level and Cause-Specific Mortality in People with and without Diabetes. *PLoS One*. 2012; 7(8): e41875. DOI: 10.1371/journal.pone.0041875. Epub 2012 Aug 2.
11. **Kengne AP**, Czernichow S, Stamatakis E, Hamer M, Batty GD. Fibrinogen and future cardiovascular disease in people with diabetes: aetiological associations and risk prediction using individual participant data from nine community-based prospective cohort studies. *Diabetes & vascular disease research*. 2013 Mar; 10(2): 143-51. DOI: 10.1177/1479164112451588. Epub 2012 Jul 11.
12. **Kengne AP**, Limen SN, Sobngwi E, Djouogo CF, Nouedoui C. Metabolic syndrome in type 2 diabetes: comparative prevalence according to two sets of diagnostic criteria in sub-Saharan Africans. *Diabetology & Metabolic Syndrome*. 2012 May 31; 4(1): 22. DOI: 10.1186/1758-5996-4-22.
13. **Kengne AP**, Mayosi BM. A systematic overview of prospective cohort studies of cardiovascular disease in sub-Saharan Africa: reply to Bovet. *Cardiovascular journal of Africa*. 2012 Sep; 23(8): 469-470.
14. **Kengne AP**. The ADVANCE risk engine for cardiovascular disease prediction in the context of current strategies for cardiovascular risk evaluation in people with diabetes. *Medicographia* 2012; 35(1): 102-109.

15. Lontchi-Yimagou E, Sobngwi E, Matsha TE, **Kengne AP**. Diabetes Mellitus and Inflammation. *Current Diabetes Reports* 2013 March [Epub ahead of print]
16. Matsha TE, Masconi K, Yako YY, Hassan MS, Macharia M, Erasmus RT, **Kengne, AP**. Polymorphisms in the non-muscle myosin heavy chain gene (MYH9) are associated with lower glomerular filtration rate in mixed ancestry diabetic subjects from South Africa. *PLoS One* 2012; 7(12): e52529. DOI: 10.1371/journal.pone.0052529. Epub 2012 Dec 20.
17. Moons KG, **Kengne AP**, Woodward M, Royston P, Vergouwe Y, Altman DG, Grobbee DE. Risk prediction models: I. Development, internal validation, and assessing the incremental value of a new (bio) marker. *Heart*. 2012 May; 98(9): 683-90. DOI: 10.1136/heartjnl-2011-301246. Epub 2012 Mar 7.
18. Moons KGM, **Kengne AP**, Grobbee DE, Royston P, Vergouwe Y, Altman DG, Woodward M. Risk prediction models: II. External validation, model updating, and impact assessment. *Heart*. 2012 May; 98(9): 691-8. DOI: 10.1136/heartjnl-2011-301247. Epub 2012 Mar 7.
19. Nong-Libend C, Menanga AP, **Kengne AP**, Dehayem M, Sobngwi E, Kingue S. High levels of discordance between office-based and ambulatory blood pressure measurements for diagnosing optimal blood pressure control in high-risk diabetic populations from a developing country. *Diabetes & Metabolism*. 2012 Jun; 38(3): 271-2. DOI: 10.1016/j.diabet.2012.02.004. Epub 2012 May 30.
20. Ondoua JM, **Kengne AP**, Dehayem MY, Sobngwi E, and Mbanaya J. Cardiovascular preventative therapies and outcomes of care among urban sub-saharan Africans with type 2 diabetes: A cross-sectional study in Cameroon. *Journal of Clinical Outcomes Management*. 2012 Oct; 19(10): 446-452.
21. Pefura Yone EW, Balkissou AD, **Kengne AP**, Kuaban C. Influence of HIV infection on the clinical presentation and outcome of adults with acute community-acquired pneumonia in Yaounde, Cameroon: a retrospective hospital-based study. *BMC Pulmonary Medicine*. 2012 Aug 30; 12: 46. DOI: 10.1186/1471-2466-12-46.
22. Pefura Yone EW, **Kengne AP**, Ashuntantang G, Betyoumin AF, Ngogang J. Dyslipidaemia in HIV-1-infected patients receiving protease inhibitors after initial treatment with first-line-based non-nucleoside reverse transcriptase inhibitors: a cross-sectional study. *BMJ Open*. 2012 Aug 8; 2(4). pii: e001317. DOI: 10.1136/bmjopen-2012-001317.
23. Pefura Yone EW, Kuaban C, **Kengne AP**. HIV testing, HIV status and outcomes of treatment for tuberculosis in a major diagnosis and treatment centre in Yaounde, Cameroon: a retrospective cohort study. *BMC Infectious Diseases*. 2012 Aug 15; 12(1): 190. DOI: 10.1186/1471-2334-12-190.
24. Van Dieren S, Czernichow S, Chalmers J, **Kengne AP**, de Galan BE, Poulter N, Woodward M, Beulens JW, Grobbee DE, van der Schouw YT, Zoungas S. Weight changes and their predictors amongst 11 140 patients with type 2 diabetes in the ADVANCE trial. *Diabetes, Obesity & Metabolism*. 2012 May; 14(5): 464-9. DOI: 10.1111/j.1463-1326.2012.01556.x. Epub 2012 Feb 8.

25. Yone EW, **Kengne AP**, Moifo B, Kuaban C. Prevalence and determinants of extrapulmonary involvement in patients with pulmonary tuberculosis in a Sub-Saharan African country: a cross-sectional study. *Scandinavian Journal of Infectious Diseases*. 2013 Feb; 45(2): 104-11. DOI: 10.3109/00365548.2012.714905. Epub 2012 Sep 19.
26. Yone EW, **Kengne AP**. Clinical utility and consumer considerations for the use of once-daily Nevirapine extended release for HIV infection treatment. *HIV/AIDS (Auckland, N.Z.)*. 2012 Dec; 4: 181-4. DOI: 10.2147/HIV.S24432. Epub 2012 Dec 5.
27. Yone ÉW, Kuaban C, **Kengne AP**. Impact of the HIV infection on the evolution of tuberculosis among adult patient in Yaounde, Cameroon. *Revue de Pneumologie Clinique*. 2012 Dec; 68(6): 338-44. DOI: 10.1016/j.pneumo.2012.10.001. Epub 2012 Nov 22.

Developmental Pathways for Health Research

JOURNAL ARTICLE/S

1. Adair LS, Fall CH, Osmond C, Stein AD, Martorell R, Ramirez-Zea M, Sachdev HS, Dahly DL, Bas I, **Norris SA**, **Micklesfield L**, Hallal P, Victora CG; for the COHORTS group. Associations of linear growth and relative weight gain during early life with adult health and human capital in countries of low and middle income: findings from five birth cohort studies. *Lancet*. 2013 Mar 26. DOI: 10.1016/S0140-6736(13)60103-8. pii: S0140-6736(13)60103-8. [Epub ahead of print]
2. Addo OY, Stein AD, Fall CH, Gigante DP, Guntupalli AM, Horta BL, Kuzawa CW, Lee N, **Norris SA**, Prabhakaran P, **Richter LM**, Sachdev HS, Martorell R; Consortium on Health Orientated Research in Transitional Societies (COHORTS) Group. Maternal Height and Child Growth Patterns. *Journal of Pediatrics*. 2013 Mar 7. DOI: 10.1016/j.jpeds.2013.02.002. pii: S0022-3476(13)00145-5. [Epub ahead of print].
3. Braithwaite V, **Pettifor JM**, Prentice A. Novel SLC34A3 mutation causing hereditary hypophosphataemic rickets with hypercalciuria in a Gambian family. *Bone*. 2013 Mar; 53(1): 216-20. DOI: 10.1016/j.bone.2012.12.003. Epub 2012 Dec 13.
4. Crowther NJ, **Norris SA**. The current waist circumference cut point used for the diagnosis of metabolic syndrome in sub-Saharan African women is not appropriate. *PLoS One*. 2012 Apr; 7(11): e48883. DOI: 10.1371/journal.pone.0048883. Epub 2012 Nov 8.
5. **Feeley A**, Musenge E, **Pettifor JM**, **Norris SA**. Changes in dietary habits and eating practices in adolescents living in urban South Africa: The birth to twenty cohort. *Nutrition*. 2012 Jul; 28(7-8): e1-6. DOI: 10.1016/j.nut.2011.11.025. Epub 2012 Mar 30.
6. **Feeley AB**, Musenge E, **Pettifor JM**, **Norris SA**. Investigation into longitudinal dietary behaviours and household socio-economic indicators and their association with BMI Z-score and fat mass in South African adolescents: the Birth to Twenty (Bt20) cohorts. *Public Health Nutrition*. 2012 Jul 17: 1-11. [Epub ahead of print]

7. **Ginsburg C, Griffiths PL, Richter LM, Norris SA.** Residential mobility, socioeconomic context and body mass index in a cohort of urban South African adolescents. *Health & Place.* 2013 Jan; 19: 99-107. DOI: 10.1016/j.healthplace.2012.09.016. Epub 2012 Nov 7.
8. **Griffiths PL, Sheppard ZA, Johnson W, Cameron N, Pettifor JM, Norris SA.** Associations between household and neighbourhood socioeconomic status and systolic blood pressure among urban South African adolescents. *Journal of Biosocial Science.* 2012 Jul; 44(4): 433-58.
9. Kagura J, Feeley A, Micklesfield LK, **Pettifor JM, Norris SA.** Association between infant nutrition and anthropometry, and pre-pubertal body composition in urban South African children. *Journal of Developmental Origins of Health and Disease.* 2012 Jul ; 3(6): 415-23.05 [Epub ahead of print]
10. May A, **Pettifor JM, Norris SA,** Ramsay M, Lombard Z. Genetic factors influencing bone mineral content in a black South African population. *Journal of Bone and Mineral Metabolism.* 2013 Mar 9. [Epub ahead of print]
11. **McVeigh JA, Norris SA.** Criterion validity and test-retest reliability of a physical activity questionnaire in South African primary school aged children. *South African Journal of Sports Medicine.* 2012; 24(2): 43-48.
12. **Mendenhall E,** Shivashankar R, Tandon N, Ali MK, Narayan KM, Prabhakaran D. Stress and diabetes in socioeconomic context: a qualitative study of urban Indians. *Social Science & Medicine.* 2012 Dec; 75(12): 2522-9. DOI: 10.1016/j.socscimed.2012.09.040. Epub 2012 Oct 17.
13. Voorend CGN, **Norris SA, Griffiths PL, Sedibe MH,** Westerman MJ, Doak CM. We eat together; today she buys, tomorrow I will buy the food', adolescent best friends food choices and dietary practices in Soweto, South Africa. *Public Health Nutrition.* 2013 Mar; 16(3):559-67. DOI: 10.1017/S1368980012003254. Epub 2012 Jul 16.

Diabetes Discovery Platform

JOURNAL ARTICLE/S

1. **Cerf ME.** Beta cell dynamics: beta cell replenishment, beta cell compensation and diabetes. *Endocrine.* 2013 Mar 13. [Epub ahead of print] DOI: 10.1007/s12020-013-9917-y.
2. **Chellan N, Muller CJF,** De Beer D, Joubert E, Page BJ, **Louw J.** An in vitro assessment of the effect of *Athrixia phylloides* DC. aqueous extract on glucose metabolism. *Phytomedicine.* 2012; 19(8-9): 730-6. DOI: 10.1016/j.phymed.
3. **Dudhia Z, Louw J, Muller C,** Joubert E, de Beer D, Kinnear C, **Pheiffer C.** *Cyclopia maculata* and *Cyclopia subternata* (honeybush tea) inhibits adipogenesis in 3T3-L1 pre-adipocytes. *Phytomedicine.* 2013 Mar 15; 20(5): 401-8. DOI: 10.1016/j.phymed.2012.12.002. Epub 2013 Feb 18.

4. **Muller CJ**, Joubert E, de Beer D, **Sanderson M**, Malherbe CJ, Fey SJ, **Louw J**. Acute assessment of an aspalathin-enriched green rooibos (*Aspalathus linearis*) extract with hypoglycemic potential. *Phytomedicine*. 2012 Dec 15; 20(1): 32-9. DOI: 10.1016/j.phymed.2012.09.010. Epub 2012 Oct 17.
5. Nyirenda KK, Saka JD, Naidoo D, Maharaj VJ, **Muller CJ**. Antidiabetic, anti-oxidant and antimicrobial activities of *Fadogia ancyllantha* extracts from Malawi. *Journal of Ethnopharmacology*. 2012 Aug 30; 143(1): 372-6. DOI: 10.1016/j.jep.2012.07.002. Epub 2012 Jul 16.

Dissertation/s

6. **George S**. A critical analysis of mitochondrial functioning and associated proteins in obesity-related cardiomyopathy [*Masters dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2013.
7. **Jacobs CD**. The effect of *Cyclopia maculata* treatment on AMPK expression and adipocyte size in Wistar rats [*Masters dissertation*]. [Cape Town, South Africa]: University of Western Cape; 2013.

Diarrhoeal Pathogens Research Unit

JOURNAL ARTICLE/S

1. Jere KC, Mlera L, O'Neill HG, **Peenze I**, van Dijk AA. Whole genome sequence analyses of three African bovine rotaviruses reveal that they emerged through multiple reassortment events between rotaviruses from different mammalian species. *Veterinary Microbiology*. 2012 Apr 6. [Epub ahead of print]
2. Madhi SA, Kirsten M, Louw C, **Bos P**, Aspinall S, Bouckenoghe A, Neuzil KM, Steele AD. Efficacy and immunogenicity of two or three dose rotavirus-vaccine regimen in South African children over two consecutive rotavirus-seasons: A randomized, double-blind, placebo-controlled trial. *Vaccine*. 2012 Apr 27; 30(Suppl 1): A44-51. DOI: 10.1016/j.vaccine.2011.08.080.
3. **Nyaga MM**, Jere KC, **Peenze I**, Mlera L, van Dijk AA, **Seheri ML**, **Mphahlele MJ**. Sequence analysis of the whole genomes of five African human G9 rotavirus strains. *Infection, Genetics and Evolution*. 2013 Jan 29; 16C: 62-77. DOI: 10.1016/j.meegid.2013.01.005. [Epub ahead of print]
4. Seheri LM, Page NA, Mawela MP, **Mphahlele MJ**, Steele AD. Rotavirus vaccination within the South African Expanded Programme on Immunisation. *Vaccine*. 2012 Sep 7; 30(Suppl 3): C14-20. DOI: 10.1016/j.vaccine.2012.04.018. [Review]
5. **Steele AD**, Neuzil KM, Cunliffe NA, **Madhi SA**, **Bos P**, Ngwira B, Witte D, Todd S, Louw C, Kirsten M, Aspinall S, Van Doorn LJ, Bouckenoghe A, Suryakiran PV, Han HH. Human rotavirus vaccine Rotarix™ provides protection against diverse circulating rotavirus strains in African infants: a randomized controlled trial. *BMC Infectious Diseases*. 2012 Sep 13; 12: 213. DOI: 10.1186/1471-2334-12-213.

Drug Discovery and Development Research Unit

JOURNAL ARTICLE/S

1. Adams M, Li Y, Khot H, De Kock C, Smith PJ, Land K, **Chibale K**, Smith GS. The synthesis and antiparasitic activity of aryl- and ferrocenyl-derived thiosemicarbazone ruthenium (ii)-arene complexes. *Dalton Transactions*. 2013 Mar 5; 42(13): 4677-85. DOI: 10.1039/c3dt32740j.
2. Aminake MN, Mahajan A, Kumar V, Hans R, Wiesner L, Taylor D, de Kock C, Grobler A, Smith PJ, Kirschner M, Rethwilm A, Pradel G, **Chibale K**. Synthesis and evaluation of hybrid drugs for a potential HIV/AIDS-malaria combination therapy. *Bioorganic & Medicinal Chemistry*. 2012 Sep; 20(17): 5277-89.
3. Chellan P, Land KM, Shokar A, Au A, An SH, Clavel CM, Dyson PJ, Kock Cd, Smith PJ, **Chibale K**, Smith GS. Exploring the Versatility of Cycloplatinated Thiosemicarbazones as Antitumor and Antiparasitic Agents. *Organometallics*. 2012; 31(16): 5791-9. DOI: 10.1021/om300334z.
4. Espinoza-Moraga M, Njuguna NM, Mugumbate G, Caballero J, **Chibale K**. In silico Comparison of Antimycobacterial Natural Products with Known Antituberculosis Drugs. *Journal of Chemical Information Modeling*. 2013 Mar 25; 53(3): 649-660. Epub 2013 Feb 22.
5. Geary TG, **Chibale K**, Abegaz B, Andrae-Marobela K, Ubalijoro E. A new approach for anthelmintic discovery for humans. *Trends in Parasitology*. 2012 May; 28(5): 176-81. DOI: 10.1016/j.pt.2012.02.006.
6. Herrmann C, Salas PF, Patrick BO, **de Kock C**, **Smith PJ**, Adam MJ, Orvig C. 1,2-Disubstituted Ferrocenyl Carbohydrate Chloroquine Conjugates as Potential Antimalarial Agents. *Dalton Transactions*. 2012 Jun; 41(21): 6431-6442.
7. Ongarora DSB, Gut J, Rosenthal PJ, Masimirembwa CM, **Chibale K**. Benzoheterocyclic amodiaquine analogues with potent antiplasmodial activity: Synthesis and pharmacological evaluation. *Bioorganic & Medicinal Chemistry Letters*. 2012 Aug 1; 22(15): 5046-50. DOI: 10.1016/j.bmcl.2012.06.010. Epub 2012 Jun 9.
8. Sharma RK, Douglas RG, Louw S, **Chibale K**, Sturrock ED. New ketomethylene inhibitor analogues: synthesis and assessment of structural determinants for N-domain selective inhibition of angiotensin-converting enzyme. *Biological Chemistry*. 2012 May; 393(6): 485-93. DOI: 10.1515/hsz-2012-0127.
9. Singh K, Kaur H, **Chibale K**, Balzarini J, Little S, Bharatam PV. 2-Aminopyrimidine based 4-aminoquinoline antiplasmodial agents. Synthesis, biological activity, structure-activity relationship and mode of action studies. *European Journal of Medicinal Chemistry*. 2012 Jun; 52: 82-97. DOI: 10.1016/j.ejmech.2012.03.007. Epub 2012 Mar 13.
10. Thelingwani RS, Dhansay K, Smith P, **Chibale K**, Masimirembwa CM. Potent inhibition of CYP1A2 by Frutinone A, an active ingredient of the broad spectrum antimicrobial herbal extract from *P. fruticosa*. *Xenobiotica*. 2012 Oct; 42(10): 989-1000. DOI: 10.3109/00498254.2012.681077. Epub 2012 Apr 25.

11. Younis Y, Douelle F, Feng TS, González Cabrera D, Le Manach C, Nchinda AT, Duffy S, White KL, Shackelford DM, Morizzi J, Mannila J, Katneni K, Bhamidipati R, Zabiulla KM, Joseph JT, Bashyam S, Waterson D, Witty MJ, Hardick D, Wittlin S, Avery V, Charman SA, **Chibale K**. 3,5-Diaryl-2-aminopyridines as a novel class of orally active antimalarials demonstrating single dose cure in mice and clinical candidate potential. *Journal of Medicinal Chemistry*. 2012 Apr 12; 55(7): 3479-87. DOI: 10.1021/jm3001373. Epub 2012 Mar 21.

Environment and Health Research Unit

BOOK CHAPTER/S

1. **Mathee A**. Lead Poisoning. (Chapter4). In: Crime, violence and injury in South Africa: 21st century solutions for child safety. Van Niekerk A, Suffla S, Seedat M (Eds.) Psychological Society of South Africa (PsySSA), Houghton, South Africa, 2012.

JOURNAL ARTICLE/S

2. Channa K, **Röllin HB**, Nøst TH, Odland JØ, Sandanger TM. Prenatal exposure to DDT in malaria endemic region following indoor residual spraying and in non-malaria coastal regions of South Africa. *Science of the Total Environment*. 2012 May; 429: 183-90. DOI: 10.1016/j.scitotenv.2012.03.073.
3. Channa KR, **Röllin HB**, Wilson KS, Nøst TH, Odland JØ, Naik I, Sandanger TM. Regional variation in pesticide concentrations in plasma of delivering women residing in rural Indian Ocean coastal regions of South Africa. *Journal of Environmental Monitoring*. 2012 Nov; 14(11): 2952-60. DOI: 10.1039/c2em30264k.
4. **Jassat W**, **Naicker N**, Naidoo S, **Mathee A**. Rodent control in urban communities in Johannesburg, South Africa: from research to action. *International Journal of Environmental Health Research*. 2013 Jan 21. [Epub ahead of print] DOI: 10.1080/09603123.2012.755156
5. **Kootbodien T**, **Mathee A**, **Naicker N**, Moodley N. Heavy metal contamination in a school vegetable garden in Johannesburg. *South African Medical Journal*. 2012 Apr; 102(4): 226-7.
6. Marraccini T, Meltzer S, **Bourne L**, Draper CE. A qualitative evaluation of exposure to and perceptions of the Woolworths healthy tuck shop guide in Cape Town, South Africa. *Childhood Obesity* 2012; Aug; 8(4): 369-377. DOI: 10.1089/chi.2012.0034.
7. Plageron S, **Mathee A**. Changing an urban community through health research: A South African case study. *Health Promotion Practice*. 2012 May; 13(3): 339-43. DOI: 10.1177/1524839910384931.
8. Rudge CV, Sandanger T, **Röllin HB**, Calderon IM, Volpato G, Silva JL, Duarte G, Neto CM, Sass N, Nakamura MU, Odland JØ, Rudge MV. Levels of selected persistent organic pollutants in blood from delivering women in seven selected areas of São Paulo State, Brazil. *Environment International*. 2012 Apr; 40: 162-9. DOI: 10.1016/j.envint.2011.07.006.
9. Stupar D, Eide WB, **Bourne L**, Hendricks M, Iversen PO, Wandel M. The nutrition transition and the human right to adequate food for adolescents in the Cape Town metropolitan area: Implications for nutrition policy. *Food Policy*. 2012 Jun; 37(3): 199-206.

10. Wright CY, **Albers PN**. Comparison of two personal ultraviolet index monitors for sun awareness in South Africa. *South African Journal of Science*. 2013 Jan; 109(1-2), Art. #0014, 4 pages. <http://dx.Doi.org/10.1590/sajs.2013/0014>

Exercise and Sports Medicine Research Unit

BOOK/S

1. **Noakes T** (ed). *Waterlogged: The serious problem of overhydration in endurance sports*. Champaign, Ill: Human Kinetics, May 2012. 428p.

JOURNAL ARTICLE/S

2. Beis LY, Wright-Whyte M, Fudge B, **Noakes T**, Pitsiladis YP. Drinking behaviors of elite male runners during marathon competition. *Clinical Journal of Sport Medicine*. 2012 May; 22(3): 254-61.
3. **Brown JC**, Verhagen E, Viljoen W, Readhead C, Van Mechelen W, **Hendricks S**, **Lambert MI**. The incidence and severity of injuries at the 2011 South African Rugby Union (SARU) Youth Week tournaments. *South African Journal of Sports Medicine*. 2012 Jun; 24(2): 49-54.
4. **Carstens MT**, **Goedecke JH**, Dugas L, **Evans J**, **Kroff J**, Levitt NS, **Lambert EV**. Fasting substrate oxidation in relation to habitual dietary fat intake and insulin resistance in non-diabetic women: a case for metabolic flexibility? *Nutrition & Metabolism*. 2013 Jan; 10(1): 1743-7075. DOI: 10.1186/1743-7075-10-8.
5. Clark DR, **Lambert MI**, Hunter AM. Muscle Activation in the Loaded Free Barbell Squat: A Brief Review. *Journal of Strength & Conditioning Research*. 2012 Apr; 26(4): 1169-78.
6. Curry JW, Hohl R, **Noakes TD**, Kohn TA. High oxidative capacity and type II fibre content in springbok and fallow deer skeletal muscle suggest fast sprinters with a resistance to fatigue. *Journal of experimental biology*. 2012 Nov; 215 (Pt. 22): 3997-4005. DOI: 10.1242/jeb.073684.
7. **Draper CE**, **Forbes J**, Taylor G, **Lambert MI**. Empowering professional soccer players in South Africa: Evaluation of Project Ithuseng. *International Journal of Sports Science and Coaching*. 2012 Sept; 7(3): 579-591.
8. El Khoury L, **Posthumus M**, **Collins M**, Handley CJ, Cook J, Raleigh SM. Polymorphic variation within the ADAMTS2, ADAMTS14, ADAMTS5, ADAM12 and TIMP2 genes and the risk of Achilles tendon pathology: A genetic association study. *Journal of Science and Medicine in Sport*. 2013. Mar 11 [Epub ahead of print] <http://dx.Doi.org/10.1016/j.jsams.2013.02.006>.
9. **Evans J**, **Lambert MI**, **Micklesfield LK**, **Goedecke JH**, **Jennings CL**, **Savides L**, Claassen A, **Lambert EV**. Near Infrared Reactance for the Estimation of Body Fatness in Regularly Exercising Individuals. *International Journal of Sports Medicine*. 2013 Jan 16. [Epub ahead of print] DOI: 10.1055/s-0032-1331716.

10. Faulenbach MV, Wright LA, Lorenzo C, Utschneider KM, **Goedecke JH**, Fujimoto WY, Boyko EJ, **McNeely MJ**, Leonetti DL, Haffner SM, Kahn SE. Impact of differences in glucose tolerance on the prevalence of a negative insulinogenic index. *Journal of Diabetes and its Complications*. 2013 Mar; 27(2): 158-61. DOI: 10.1016/j.jdiacomp.2012.09.011.
11. **Goedecke JH**, **Micklesfield LK**, Levitt NS, **Lambert EV**, **West S**, Maartens G, Dave JA. Effect of different antiretroviral drug regimens on body fat distribution of HIV-infected South African women. *AIDS Research and Human Retroviruses*. 2013 March; 29(3): 557-63. DOI: 10.1089/aid.2012.0252. Epub 2013 Jan 18.
12. **Hendricks S**, **Karpul D**, Nicholls F, **Lambert M**. Velocity and acceleration before contact in the tackle during rugby union matches. *Journal of Sports Science*. 2012 Aug; 30 (12): 1215-1224.
13. **Hendricks S**, **Ojuka E**, **Kellaway LA**, Mabandla MV, Russell VA. Effect of maternal separation on mitochondrial function and role of exercise in a rat model of Parkinson's disease. *Metabolic Brain Disease*. 2012 Sep; 27(3): 387-392.
14. **Joffe YT**, **van der Merwe L**, **Evans J**, Collins M, Lambert EV, September A, Goedecke JH. The tumor necrosis factor- α gene-238 G>A polymorphism, dietary fat intake, obesity risk and serum lipid concentrations in black and white South African women. *European Journal of Clinical Nutrition*. 2012 Dec; 66(12): 1295-1302.
15. **Karpul D**. On the inherent bias in the 2011 and 2012 Super Rugby tournament format. *South African Journal of Sports Medicine*. 2012 Jun; 24(2): 67-68.
16. **Kolbe-Alexander TL**, Proper KI, **Lambert EV**, Van Wier MF, **Pillay JD**, Nossel C, Adonis L, Van Mechelen W. Working on wellness (WOW): A worksite healthy promotion intervention programme. *BMC Public Health*. 2012 May 24; 12(1): 372.
17. **Micklesfield LK**, **Goedecke JH**, Punyanitya M, Wilson KE, Kelly TL. Dual-energy X-ray performs as well as clinically computed tomography for the measurement of visceral fat. *Obesity*. 2012 May; 20(5): 1109-14. DOI: 10.1038/oby.2011.367.
18. **Nell EM**, **van der Merwe L**, Cook J, Handley CJ, **Collins M**, **September AV**. The apoptosis pathway and the genetic predisposition to Achilles tendinopathy. *Journal of Orthopaedic Research*. 2012 Nov; 30(11): 1719-24. DOI: 10.1002/jor.22144. Epub 2012 May 15.
19. **Noakes TD**. Fatigue is a brain-derived emotion that regulates the exercise behaviour to ensure the protection of whole body homeostasis. *Frontiers in Physiology*. 2012 Apr; 3: 82. DOI: 10.3389/fphys.2012.00082. Epub 2012 Apr 11.
20. **Noakes TD**. UCT taught me how to challenge beliefs. *South African Medical Journal*. 2012 Jun; 102(6): 430-432.
21. **O'Connell K**, **Posthumus M**, **Collins M**. No association between COL3A1, COL6A1 or COL12A1 gene variants and range of motion. *Journal of Sports Sciences*. 2013; 31(2): 181-7. DOI: 10.1080/02640414.2012.723133. Epub 2012 Sep 26.
22. O'Connell K, Posthumus M, Schweltnus MP, **Collins M**. Collagen genes and exercise-

associated muscle cramping. *Clinical Journal of Sport Medicine* 2013 Jan; 23(1): 64-9. DOI: 10.1097/JSM.0b013e3182686aa7.

23. **Ojuka EO**, Goyaram V, Smith JA. The role of CaMKII in regulating GLUT4 expression in skeletal muscle. *American Journal of Physiology Endocrinology and Metabolism*. 2012 Aug 1; 303(3): E322-31. DOI: 10.1152/ajpendo.00091.2012. Epub 2012 Apr 10. [Review]
24. **Posthumus M, Collins M**, van der Merwe L, O’Cuinneagain D, **van der Merwe W**, Ribbans WJ, Schwellnus MP, Raleigh SM. Matrix metalloproteinase genes on chromosome 11q22 and the risk of anterior cruciate ligament (ACL) rupture. *Scandinavian Journal of Medicine & Science in Sports*. 2012 Aug; 22 (4): 523-533. DOI: 10.1111/j.1600-0838.2010.01270.x.
25. **Saunders CJ, van der Merwe L, Posthumus M**, Cook J, Handley CJ, **Collins M, September AV**. Investigation of variants within the COL27A1 and TNC genes and Achilles tendinopathy in two populations. *Journal of Orthopaedic Research*. 2013 Apr; 31(4): 632-7. DOI: 10.1002/jor.22278. Epub 2012 Nov 28.
26. **Schwellnus M, Derman W**, Page T, **Lambert M**, Readhead C, Roberts C, Kohler R, Jordaan E, Collins R, Kara S, Morris I, Strauss O, Webb S. Illness during the 2010 Super 14 Rugby Union tournament - A prospective study involving 22 676 player days. *British Journal of Sports Medicine*. 2012 Jun; 46(7): 499-504. DOI: 10.1136/bjsports-2012-091046. Epub 2012 May 25.
27. **Schwellnus MP**, Derman WE, Jordaan E, Page T, **Lambert MI**, Readhead C, Roberts C, Kohler R, Collins R, Kara S, Morris MI, Strauss O, Webb S. Elite athletes travelling to international destinations >5 time zone differences from their home country have a 2-3-fold increased risk of illness. *British Journal of Sports Medicine*. 2012 Sep; 46(11): 816-21. DOI: 10.1136/bjsports-2012-091395. Epub 2012 Aug 8.
28. **September AV, Posthumus M, Collins M**. Application of genomics in the prevention, treatment and management of Achilles tendinopathy and anterior cruciate ligament ruptures. *Recent Patents on DNA & Gene Sequences*. 2012 Dec; 6(3): 216-223.
29. **Tucker R, Collins M**. What makes champions? A review of the relative contribution of genes and training to sporting success. *British Journal of Sports Medicine*. 2012 Jun; 46(8): 555-61. DOI: 10.1136/bjsports-2011-090548. Epub 2012 Apr 25.

Dissertation/s

29. **Cook I**. Voluntary physical activity: Measurement and relationship to selected health parameters in rural black South Africans resident in the Limpopo Province, South Africa [*PhD dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
30. **Hendricks MS**. The tackle in Rugby Union: Understanding training and match behaviours to develop better coaching strategies for skill acquisition, performance and injury prevention [*PhD dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
31. **Prinsloo GE**. The physiological effects of heart rate variability biofeedback during laboratory-induced cognitive stress [*PhD dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
32. **Swart J**. Perceptual cues in the regulation of endurance exercise. [*PhD dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.

Gender and Health Research Unit

BOOK CHAPTER/S

1. **Jewkes R, Sikweyiya Y.** Streamlining: understanding gang rape in South Africa. (Chapter 7). In: Handbook on the Study of Multiple Perpetrator Rape: A multidisciplinary response to an international problem. Horvath M, Woodhams J (eds). Routledge, London. 2013. pp 116–131.
2. **Jewkes R.** Intimate partner violence as a risk factor for mental ill-health in South Africa. Chapter 65). Violence against Women and Mental Health. Key Issues in Mental Health. García- Moreno C, Riecher-Rössler A (eds). Switzerland: Basel, Karger; vol 178, 2013. pp 65–74.
3. **Mathews S, Loots L, Sikweyiya Y, Jewkes R.** Sexual Abuse. (Chapter 7). In Crime, Violence and Injury in South Africa: 21st Century solutions for child safety. Van Niekerk A, Suffla S, Seedat M. (Eds). Psychological Society of South Africa, Houghton. 2012. pp. 84-96.

JOURNAL ARTICLE/S

4. **Abrahams N, Jewkes R.** Managing and resisting stigma: a qualitative study among people living with HIV in South Africa. *Journal of the International AIDS Society*. 2012 Aug; 15(2): 17330.
5. Coles J, **Dartnall E**, Astbury J. "Preventing the pain" when working with family and sexual violence in primary care. *International Journal of Family Medicine*. 2013 Feb; 2013: 198578. DOI: 10.1155/2013/198578. Epub 2013 Feb 26.
6. **Dartnall E, Jewkes R.** Sexual violence against women: The scope of the problem. *Best Practice and Research: Clinical Obstetrics and Gynaecology*. 2012 Aug 29. [Epub ahead of print] DOI: 10.1016/j.bpobgyn.2012.08.002.
7. **Gevers A, Jewkes R, Mathews C, Flisher A.** 'I think it's about experiencing, like, life': a qualitative exploration of contemporary adolescent intimate relationships in South Africa. *Culture, Health and Sexuality*. 2012; 14(10):1125-37. DOI: 10.1080/13691058.2012.723752. Epub 2012 Sep 20.
8. **Jama-Shai N, Jewkes R, Nduna M, Dunkle K.** Masculinities and condom use patterns among young rural South Africa men: a cross-sectional baseline survey. *BMC Public Health*. 2012 Jun; 12: 462. DOI:10.1186/1471-2458-12-462
9. **Jewkes R, Sikweyiya Y, Nduna M, Shai NJ, Dunkle K.** Motivations for, and perceptions and experiences of participating in, a cluster randomised controlled trial of a HIV-behavioural intervention in rural South Africa. *Culture, health and sexuality*. 2012 Oct; 14(10): 1167-82. DOI: 10.1080/13691058.2012.717305. Epub 2012 Sep 14.
10. **Jewkes R, Dunkle K, Nduna M, Jama-Shai N.** Transactional sex and HIV incidence in a cohort of young women in the Stepping Stones trial. *Journal of AIDS & Clinical Research*. 2012 Aug; 3(5): 158. <http://dx.Doi.org/10.4172/2155-6113.1000158>.

11. **Jewkes R**, Morrell R, **Sikweyiya Y**, Dunkle K, Penn-Kekana L. Men, prostitution and the provider role: Understanding the intersections of economic exchange, sex, crime and violence in South Africa. *PLoS One*. 2012 Jul; 7(7): e40821. DOI: 10.1371/journal.pone.0040821
12. **Jewkes R**, Morrell R, **Sikweyiya Y**, **Dunkle K**, Penn-Kekana L. Transactional relationships and sex with a woman in prostitution: prevalence and patterns in a representative sample of South African men. *BMC Public Health*. 2012 May; 12(1): 325. DOI: 10.1186/1471-2458-12-325.
13. **Jewkes R**, **Morrell R**. Sexuality and the limits of agency among South African teenage women: Theorising femininities and their connections to HIV risk practises. *Social Science and Medicine*. 2012 Jun; 74(11): 1729-37. DOI: 10.1016/j.socscimed.2011.05.020.
14. **Jewkes R**, Nduna M, **Shai NJ**, Dunkle K. Prospective study of rape perpetration by young South African men: Incidence & risk factors. *PLoS ONE*. 2012 May; 7(5): e38210. DOI: 10.1371/journal.pone.0038210
15. Jina R, **Jewkes R**, Hoffman S, Dunkle KL, Nduna M, **Shai NJ**. Adverse mental health outcomes associated with emotional abuse in young rural South African women: A cross-sectional study. *Journal of Interpersonal Violence*. 2012 Mar/Apr; 27(5): 862-80.
16. Kullgren KA, Hmiel SP, **Gevers A**. Measuring family management of transplant tasks: The transplant responsibility questionnaire. *Pediatric Transplantation*. 2013 Mar 14. DOI: 10.1111/petr.12064. [Epub ahead of print]
17. Morrell R, **Jewkes R**, Lindegger G. Hegemonic Masculinity/Masculinities in South Africa: Culture, Power, and Gender Politics. *Men and Masculinities*. 2012 Apr; 15(1): 11-30.
18. Nduna M, **Jewkes R**. Disempowerment and Psychological Distress in the Lives of Young People in Eastern Cape, South Africa. *Journal of Child and Family Studies*. 2012 Dec; 21(6): 1018-27. Epub 2012 Jan 07.
19. Shamu S, **Abrahams N**, Temmerman M, Shefer T, Zarowsky C. "That Pregnancy Can Bring Noise into the Family": Exploring Intimate Partner Sexual Violence during Pregnancy in the Context of HIV in Zimbabwe. *PLoS One*. 2012; 7(8): e43148. DOI: 10.1371/journal.pone.0043148. Epub 2012 Aug 24.
20. **Shamu S**, **Abrahams N**, Temmerman M, Zarowsky C. Opportunities and obstacles to screening pregnant women for intimate partner violence during antenatal care in Zimbabwe. *Culture, Health & Sexuality*. 2013 Jan 23. [Epub ahead of print]
21. **Shamu S**, **Abrahams N**, Zarowsky C, Shefer T, Temmerman M. Intimate partner violence during pregnancy in Zimbabwe: a cross-sectional study of prevalence, predictors and associations with HIV. *Tropical Medicine & International Health*. 2013 Feb 17. DOI: 10.1111/tmi.12078. [Epub ahead of print]

22. Sikweyiya Y, **Jewkes R**. Perceptions and Experiences of Research Participants on Gender-Based Violence Community Based Survey: Implications for Ethical Guidelines. *PLoS One*. 2012 Apr; 7(4): e35495. DOI: 10.1371/journal.pone.0035495. Epub 2012 Apr 27.

TECHNICAL REPORT/S

23. **Abrahams N, Mathews S, Jewkes R, Martin L, Lombard C**. Every Eight Hours. Intimate Femicide 10 years later. *Technical Report*. Pretoria: South African Medical Research Council, August 2012.
24. **Jewkes R, Dartnall E and Sikweyiya Y**. Ethical and Safety Recommendations for Research on Perpetration of Sexual Violence. *Technical Report*. Cape Town: South African Medical Research Council and; Sexual Violence Research Initiative (SVRI); 2012.
25. **Jewkes R**. Rape perpetration: a review. Sexual Violence Research Initiative. *Technical Report*. Pretoria: South African Medical Research Council; April 2012.
26. **Jewkes R**. Rape Perpetration: A Review. Sexual Violence Research Initiative; *Technical Report*. Pretoria: South African Medical Research Council; July 2012.
27. **Mathews S, Abrahams N Jewkes R, Martin L, Lombard C**. Child Homicide patterns in South Africa. Is there a link to abuse? *Technical Report*. Pretoria: South African Medical Research Council, August 2012.
28. Rowley E, Garcia-Moreno C, **Dartnall E**. Executive Summary: A Research Agenda for Sexual Violence in Humanitarian, Conflict and Post-Conflict Settings. *Technical Report*. Pretoria: World Health Organization, UN Action, Sexual Violence Research Initiative and Medical Research Council South Africa; July 2012.

Dissertation/s

29. **Moomba K**. A qualitative study of barriers to adherence to antiretroviral treatment among patients in Livingstone, Zambia [*Masters dissertation*]. [Cape Town, South Africa]: University of the Western Cape; 2012.

Health Policy Research Group

JOURNAL ARTICLE/S

1. **Motsosi KS, Rispel LC**. Nurses' Perceptions of the implementation of occupational specific dispensation at two district hospitals in the Gauteng Province of South Africa. *Africa Journal of Nursing and Midwifery*. 2012; 14(2):130-144.
2. Nxumalo N, Goudge J, **Thomas L**. Outreach services to improve access to health care in South Africa: lessons from three community health worker programmes. *Global Health Action*. 2013 Jan 24; 6: 19283. DOI: 10.3402/gha.v6i0.19283.

3. **Scorgie F**, Chersich MF, Ntaganira I, Gerbase A, Lule F, Lo YR. Socio-demographic characteristics and behavioral risk factors of female sex workers in sub-saharan Africa: a systematic review. *AIDS and Behaviour*. 2012 May; 16(4): 920-33. DOI: 10.1007/s10461-011-9985-z.
4. Silal SP, Penn-Kekana L, Harris B, Birch S, **McIntyre D**. Exploring inequalities in access to and use of maternal health services in South Africa. *BMC Health Services Research*. 2012 May 21; 12: 120. DOI: 10.1186/1472-6963-12-120.

TECHNICAL REPORT/S

5. **Schneider. H**, McIntyre. D, S Birch, J Eyles. Researching Equity in Access to Health Care (REACH). *Technical Report*. Johannesburg: Centre for Health Policy/RADAR, School of Public Health, Faculty of Health Sciences, University of the Witwatersrand, Health Economics Unit, School of Public Health and Family Medicine, Health Sciences Faculty, University of Cape Town, McMaster University, African Centre for Health and Population Studies, University of Kwa Zulu Natal, School of Public Health, University of the Western Cape; 2012.

Health Promotion Research and Development Unit

JOURNAL ARTICLE/S

1. **Nyembezi A, Funani I, Sifunda S**, Ruiter RAC, Van Den Borne B, **Reddy P**. The psychosocial determinants of the intention to reduce the number of sexual partners among recent traditionally initiated and circumcized men in the Eastern Cape Province, South Africa. *Journal of Health Psychology*. 2012 Jul; 17(5): 664-75. DOI: 10.1177/1359105311424469.
2. **Nyembezi A**, Resnicow K, **James S, Funani I, Sifunda S**, Ruiter RA, van den Borne B, Sanders-Phillips K, **Reddy P**. The association between ethnic identity and sexual coercion among young men in the Eastern Cape Province, South Africa. *Journal of Health Psychology*. 2012 Oct; 17(7): 1089-94. DOI: 10.1177/1359105311431174. Epub 2011 Dec 6.
3. **Nyembezi A**, Ruiter RA, van den Borne B, **Sifunda S, Funani I, Reddy P**. HIV voluntary counselling and testing among recently initiated and traditionally circumcised men in the Eastern Cape Province of South Africa. *Psychology & Health*. 2012 Nov 19. [Epub ahead of print]
4. Onoya D, **Reddy P, Sifunda S**, Lang D, Wingood GM, van den Borne B, Ruiter RA. Transactional Sexual Relationships, Sexually Transmitted Infection Risk, and Condom Use among Young Black Women in Peri-Urban Areas of the Western Cape Province of South Africa. *Women's Health Issues*. 2012 May-Jun; 22(3): e277-82. DOI: 10.1016/j.whi.2011.11.006. Epub 2012 Jan 21.

Health Systems Research Unit

JOURNAL ARTICLE/S

1. Atkins S, **Lewin S**, Ringsberg KC, Thorson A. Towards an empowerment approach in tuberculosis treatment in Cape Town, South Africa: a qualitative analysis of programmatic change. *Global Health Action*. 2012 Aug; 5(0): 1-11. DOI: 10.3402/gha.v5i0.14385.

2. Balfour L, Farrar T, McGilvray M, Wilson D, Tasca GA, Spaans JN, **Mathews C**, Maziya L, Khanyile S, Dalgleish TL, Cameron WD. HIV Prevention in Action on the Football Field: The Whizzkids United Program in South Africa. *AIDS and behavior*. 2013 Mar 16. [Epub ahead of print]
3. Barron P, Pillay Y, **Doherty T**, Sherman G, Jackson D, Bhardwaj S, Robinson P, **Goga A**. Eliminating mother-to-child HIV transmission in South Africa. *Bulletin of the World Health Organization*. 2013 Jan 1; 91(1): 70-4. DOI: 10.2471/BLT.12.106807. Epub 2012 Nov 19.
4. Brust JC, Shah NS, Scott M, Chaiyachati K, Lygizos M, van der Merwe TL, Bamber S, Radebe Z, **Loveday M**, Moll A. P; Margot, B; Laloo, UG; Friedland, GH; Gandhi NR. Integrated, home-based treatment for MDR-TB and HIV in rural South Africa: an alternate model of care. *International Journal of Tuberculosis and Lung Disease*. 2012 Aug; 16(8): 998-1004.
5. Brust JC, Shah NS, van der Merwe TL, Bamber S, Ning Y, Heo M, Moll AP, **Loveday M**, Laloo UG, Friedland GH, Gandhi NR. Adverse events in an integrated, home-based treatment program for MDR-TB and HIV in KwaZulu-Natal, South Africa. *Journal of Acquired Immune Deficiency Syndromes*. 2012 Dec. [Epub ahead of print] DOI: 10.1097/QAI.0b013e31828175ed
6. Caldwell LL, Smith EA, Collins LM, Graham JW, Lai M, Wegner L, Vergnani T, **Mathews C**, Jacobs J. Translational research in South Africa: Evaluating implementation quality using a factorial design. *Child and Youth Care Forum*. 2012 Apr; 41(2): 119-136. DOI: 10.1007/s10566-011-9164-4
7. Coutsooudis A, **Goga A**, Desmond C, Barron P, Black V, Coovadia H. Is Option B+ the best choice? *Lancet*. 2013 Jan 26; 381(9863): 269-71. DOI: 10.1016/S0140-6736(12)61807-8. [Comment]
8. **Dewing S**, **Mathews C**, Schaay N, Cloete A, Louw J, Simbayi L. "It's Important to Take Your Medication Everyday Okay?" An Evaluation of Counselling by Lay Counsellors for ARV Adherence Support in the Western Cape, South Africa. *AIDS and Behaviour*, 2012 May 19. DOI: 10.1007/s10461-012-0211-4. [Epub ahead of print].
9. **Dewing S**, Mathews C, Schaay N, Cloete A, Louw J, Simbayi L. Behaviour change counselling for ARV adherence support within primary health care facilities in the Western Cape, South Africa. *AIDS and Behavior*. 2012 Jul; 16(5): 1286-94. DOI: 10.1007/s10461-011-0059-z.
10. **Doherty T**, Sanders D, Jackson D, **Swanevelder S**, **Lombard C**, **Zembe W**, Chopra M, **Goga A**, Colvin M, Fadnes LT, Engebretsen IM, Ekström EC, Tylleskar T, Tylleskär T, Van de Perre P, Ekström, E-C, Meda N, Tumwine JK, Kankasa C, Jackson D. Early cessation of breastfeeding amongst women in South Africa: an area needing urgent attention to improve child health. *BMC Pediatrics*. 2012 Jul; 12(1): 105. DOI: 10.1186/1471-2431-12-105.
11. Eggers SM, Aarø LE, Bos AE, **Mathews C**, de Vries H. Predicting Condom Use in South Africa: A Test of Two Integrative Models. *AIDS and Behavior*. 2013 Feb 8. [Epub ahead of print].

12. Fairall L, Bachmann MO, **Lombard C**, Timmerman V, Uebel K, Zwarenstein M, Boulle A, Georgeu D, Colvin CJ, **Lewin S**, Faris G, Cornick R, Draper B, Tshabalala M, Kotze E, van Vuuren C, Steyn D, Chapman R, Bateman E. Task shifting of antiretroviral treatment from doctors to primary-care nurses in South Africa (STRETCH): A pragmatic, parallel, cluster-randomised trial. *Lancet*. 2012 Sept; 380(9845): 889-98. DOI: 10.1016/S0140-6736(12)60730-2.
13. Georgeu D, Colvin CJ, **Lewin S**, Fairall L, Bachmann MO, Uebel K, Zwarenstein M, Draper B, Bateman ED. Implementing nurse-initiated and managed antiretroviral treatment (NIMART) in South Africa: a qualitative process evaluation of the STRETCH trial. *Implementation Science*. 2012 Jul 16; 7: 66. DOI: 10.1186/1748-5908-7-66.
14. Glenton C, **Lewin S**, Mayhew A, Scheel I, Odgaard-Jensen J. Nonrandomized studies are not always found even when selection criteria for health systems intervention reviews include them: a methodological study. *Journal of Clinical Epidemiology*. 2013 Feb 4. [Epub ahead of print].
15. **Goga AE, Doherty T**, Jackson DJ, Sanders D, Colvin M, Chopra M, Kuhn L. Infant feeding practices at routine PMTCT sites, South Africa: Results of a prospective observational study amongst HIV exposed and unexposed infants - birth to 9 months. *International Breastfeeding Journal*. 2012 Apr; 7: 4. DOI: 10.1186/1746-4358-7-4.
16. Hercot D, **Doherty T, Hongoro C**, Van Damme W, Sanders D. Reduction in child mortality in Niger. *Lancet*. 2013 Jan 5; 381(9860): 24-5. DOI: 10.1016/S0140-6736(13)60010-0. [Letter].
17. **Ijumba P, Doherty T**, Jackson D, Tomlinson M, Sanders D, Persson L-A . Free formula milk in the prevention of mother to child transmission programme: Voices of a peri-urban community in South Africa on policy change. *Health Policy and Planning*. 2012 Nov 11. [Epub ahead of print] DOI:10.1093/heapol/czs114.
18. **Ijumba P, Doherty T**, Jackson D, Tomlinson M, Sanders D, Persson L. Social circumstances that drive early introduction of formula milk: an exploratory qualitative study in a peri-urban South African community. *Maternal Child Nutrition*. 2012 Dec 11. [Epub ahead of print] DOI: 10.1111/mcn.12012
19. Kendrick D, Young B, **Mason-Jones AJ**, Ilyas N, Achana FA, Cooper NJ, Hubbard SJ, Sutton AJ, Smith S, Wynn P, Mulvaney C, Watson MC, Coupland C. Home safety education and provision of safety equipment for injury prevention. *Cochrane Database of Systematic Reviews*. 2012 Sep 12; 9: CD005014. DOI: 10.1002/14651858.CD005014.pub2.
20. **Mathews C**, Aarød LEE, Grimsrud A, Flisher AJ, Kaayah S, Onyai H, Schaalmaj H, Wubse A, Mukomac W, Klepp K-I. Effects of the SATZ teacher-led school HIV prevention programmes on adolescent sexual behaviour: cluster randomised controlled trials in three sub-Saharan African sites. *International Health*. 2012 Jun; 4(2): 111– 122.
21. **Naik R, Tabana H, Doherty T, Zembe W**, Jackson D. Client characteristics and acceptability of a home-based HIV counselling and testing intervention in rural South Africa. *BMC Public Health*. 2012 Sep 25; 12: 824. DOI: 10.1186/1471-2458-12-824.

22. **Nsibandé D, Doherty T, Ijumba P,** Tomlinson M, Jackson D, Sanders D, Lawn J. Assessment of the uptake of neonatal and young infant referrals by community health workers to public health facilities in an urban informal settlement, KwaZulu-Natal, South Africa. *BMC Health Services Research*. 2013 Feb 6; 13: 47. DOI: 10.1186/1472-6963-13-47.
23. **Townsend L, Mathews C, Zembe Y.** A systematic review of behavioral interventions to prevent HIV infection and transmission among heterosexual, adult men in low-and middle-income countries. *Prevention Science*. 2013 Feb; 14(1): 88-105. DOI: 10.1007/s11121-012-0300-7
24. **Townsend L, Zembe Y, Mathews C, Mason-Jones AJ.** Estimating HIV prevalence and HIV-related risk behaviors among heterosexual women who have multiple sex partners using respondent-driven sampling in a high risk community in South Africa. *Journal of Acquired Immune Deficiency Syndromes*. 2012 Dec 18. [Epub ahead of print] DOI:10.1097/QAI.0b013e3182816990.
25. **Townsend L, Zembe Y, Mathews C.** HIV Prevalence and Risk Behaviours from Three Consecutive Surveys Among Men Who Have Multiple Female Sexual Partners in Cape Town. *AIDS and Behavior*. 2012 Jul 15. [Epub ahead of print]
26. **Zembe-Mkabile W, Doherty T,** Sanders D, Jackson D, Chopra M, **Swanevelder S, Lombard C,** Surender R. Why do families still not receive the unconditional child support grant in South Africa? A longitudinal analysis of a cohort of families across South Africa. *BMC International Health and Human Rights*. 2012 Oct 22; 12(1): 24. DOI: 10.1186/1472-698X-12-24.
27. **Zembe YZ, Townsend L,** Thorson A, Ekström AM. Predictors of inconsistent condom use among a hard to reach population of young women with multiple sexual partners in peri-urban South Africa. *PLoS One*. 2012; 7(12): e51998. DOI: 10.1371/journal.pone.0051998. Epub 2012 Dec 20.
28. Zuch M, **Mason-Jones AJ, Mathews C,** Henley L. Changes to the law on consent in South Africa: implications for school-based adolescent sexual and reproductive health research. *BMC International Health and Human Rights* 2012 Apr 10; 12: 3. DOI: 10.1186/1472-698X-12-3.
29. Zuch M, **Mathews C,** De Koker P, **Mtshizana Y, Mason-Jones AJ.** Evaluation of a Photovoice Pilot Project for School Safety in South Africa. *Children, Youth and Environments*. 2013; 23(1): 180 - 197.

POLICY BRIEF/S

31. **Mason-Jones A,** Crisp C, **Mathews C, Dhansay A.** School based Health Clinics for Adolescent reproductive and mental health. *Policy Brief*. Cape Town: South African Medical Research Council, June 2012.

Dissertation/s

32. **Daniels K.** Lay Health Worker Programmes as a Public Health Approach in South Africa. [PHD dissertation]. [Gothenburg, Sweden]: Nordic School of Public Health; 2012, ISBN 978-91-86739-30-0, ISSN 0283-1961.

33. **Nkonki L.** Health systems challenges in South Africa: Effective and equitable delivery of interventions to improve infant feeding and reduce mother to child transmission of HIV. [PHD dissertation]. [Norway]: University of Bergen; 2012.

HIV Prevention Research Unit

BOOK CHAPTER/S

1. Rehle TM, **Ramjee G.** Surveillance for human immunodeficiency virus/acquired immunodeficiency syndrome for countries in transition: PART 3: Surveillance for human immunodeficiency virus/acquired immunodeficiency syndrome in South Africa. (Chapter 21.3). In *Infectious Disease Surveillance*, Second Edition. N. M. M'ikanatha, R. Lynfield, C. A. Van Beneden and H. de Valk (eds). John Wiley & Sons Ltd, Oxford, UK. 2013 Mar .DOI: 10.1002/9781118543504.ch27

JOURNAL ARTICLE/S

2. Chirenje ZM, Masse BR, Maslankowski LA, **Ramjee G**, Coletti AS, Tembo TN, et al. Utility of colposcopy in a phase 2 portion of a microbicide clinical trial of BufferGel and 0.5% PRO 2000 Gel. *Journal of the International AIDS Society*. 2012 Aug; 15(2): 17376.
3. Dezzutti CS, Richardson BA, Marrazzo JM, Tugetman J, **Ramjee G**, Taha T, Chirenje ZM, Abdool Karim SS, Hillier SL, Herold BC; MTN Biomedical Sciences Working Group; HPTN 035 Protocol Team. Mucosal Escherichia coli Bactericidal Activity and Immune Mediators Are Associated With HIV-1 Seroconversion in Women Participating in the HPTN 035 Trial. *Journal of Infectious Diseases*. 2012 Sept 10. [Epub ahead of print]
4. Hendrix CW, Chen BA, **Guddera V**, Hoesley C, Justman J, Nakabiito C, Salata R, Soto-Torres L, Patterson K, Minnis AM, Gandham S, Gomez K, Richardson BA, Bumpus NN. MTN-001: randomized pharmacokinetic cross-over study comparing tenofovir vaginal gel and oral tablets in vaginal tissue and other compartments. *PLoS One*. 2013; 8(1): e55013. DOI: 10.1371/journal.pone.0055013. Epub 2013 Jan 30.
5. Holt K, Blanchard K, Chipato T, Nhemachena T, Blum M, Stratton S, **Morar N**, **Ramjee G**, Harper CC. A nationally representative survey of healthcare provider counselling and provision of the female condom in South Africa and Zimbabwe. *BMJ Open*. 2013 Mar 18; 3(3): Pii: e002208. DOI: 10.1136/bmjopen-2012-002208.
6. Minnis AM, Gandham S, Richardson BA, **Guddera V**, Chen BA, Salata R, Nakabiito C, Hoesley C, Justman J, Soto-Torres L, Patterson K, Gomez K, Hendrix CW. Adherence and acceptability in MTN 001: a randomized cross-over trial of daily oral and topical tenofovir for HIV prevention in women. *AIDS and Behavior*. 2013 Feb; 17(2): 737-47. DOI: 10.1007/s10461-012-0333-8.

7. Montgomery ET, van der Straten A, Cheng H, Wegner L, Masenga G, von Mollendorf C, Bekker L, **Ganesh S**, Young K, Romano J, Nel A, Woodsong C. Vaginal ring adherence in sub-Saharan Africa: expulsion, removal, and perfect use. *AIDS and Behavior*. 2012 Oct; 16(7): 1787-98.
8. **Ramjee G**, Wand H. Impact of hormonal contraceptives on the incidence of HIV infection and pregnancy rates in a cohort of women in Durban, South Africa. *Bulletin of the World Health Organization*. 2012 Oct 1; 90(10): 748-55. DOI: 10.2471/BLT.12.105700. Epub 2012 Jul 16.
9. **Ramjee G**, Wand H, **Whitaker C**, McCormack S, Padian N, Kelly C, Nunn A. HIV incidence among non-pregnant women living in selected rural, semi-rural and urban areas in KwaZulu-Natal, South Africa. *AIDS and Behavior*. 2012 Oct; 16(7): 2062-71.
10. **Ramjee G**, Wand H. Population-level impact of hormonal contraception on incidence of HIV infection and pregnancy in women in Durban, South Africa. *Bulletin of the World Health Organization*. 2012 Oct 1; 90(10): 748-55. DOI: 10.2471/BLT.12.105700. Epub 2012 Jul 16.
11. **Ramjee G**, Daniels B. Targeted combination HIV prevention packages to halt the global HIV epidemic. *Journal of Aids and Clinical Research*. 2012 July; 3(S4): 002. DOI.org/10.4172/2155-6113.S4-002.
12. Richardson BA, Kelly C, **Ramjee G**, Fleming T, Makanani B, Roberts S, Musara P, Mkandawire N, Moench T, Coletti A, Soto-Torres L, Karim SA; for the HPTN 035 Study Team. Appropriateness of hydroxyethylcellulose gel as a placebo control in vaginal microbicide trials: A comparison of the two control arms of HPTN 035. *Journal of Acquired Immune Deficiency Syndromes*. 2013 May 1; 63(1): 120-125. Epub 2013 Jan 17.
13. SPARTAC Trial Investigators, Fidler S, Porter K, Ewings F, Frater J, **Ramjee G**, Cooper D, Rees H, Fisher M, Schechter M, Kaleebu P, Tambussi G, Kinloch S, Miro JM, Kelleher A, McClure M, Kaye S, Gabriel M, Phillips R, Weber J, Babiker A. Short-course antiretroviral therapy in primary HIV infection. *New England Journal Of Medicine*. 2013 Jan 17; 368(3): 207-17. DOI: 10.1056/NEJMoa1110039.
14. Van der Straten A, Montgomery ET, Cheng H, Wegner L, Masenga G, von Mollendorf C, Bekker L, **Ganesh S**, Young K, Romano J, Nel A, Woodsong C. High acceptability of a vaginal ring intended as a microbicide delivery method for HIV prevention in African women. *AIDS and Behavior*. 2012 Oct; 16(7): 1775-86.
15. Wand H, **Ramjee G**. Analyzing continuous measures in HIV prevention research using semiparametric regression and parametric regression models: how to use data to get the (right) answer? *AIDS and Behavior* 2012 Aug; 16(6): 1448-53. DOI: 10.1007/s10461-011-0118-5.
16. Wand H, **Ramjee G**. Assessing and evaluating the combined impact of behavioural and biological risk factors for HIV seroconversion in a cohort of South African women. *AIDS Care*. 2012; 24(9): 1155-62. DOI: 10.1080/09540121.2012.687820. Epub 2012 Jun 18.

17. Wand H, **Ramjee G.** High prevalence of obesity among women who enrolled in HIV prevention trials in KwaZulu-Natal, South Africa: healthy diet and life style messages should be integrated into HIV prevention programs. *BMC Public Health*. 2013 Feb 21; 13: 159. DOI: 10.1186/1471-2458-13-159.

TECHNICAL REPORT/S

18. **Haripersad K.** Columbia University Monthly financial report. *Technical Report*. Durban: South African Medical Research Council; June 2012
19. **Haripersad K.** Metropolitan Foundation Project Progress Report. *Technical Report*. Durban: South African Medical Research Council; June 2012
20. **Haripersad K.** National Institutes of Health Annual Financial Report. *Technical Report*. Durban: South African Medical Research Council; June 2012.
21. **Haripersad K.** The European and Developing Countries Clinical Trials Partnership (*EDCTP*) Annual Financial Report. *Technical Report*. Durban: South African Medical Research Council; April 2012.
22. **Pather A.** DAIDS Corrective Action Plan, Chatsworth CRS Evaluation Report, *Technical Report*. Durban: South African Medical Research Council; April 2012.
23. **Sukhdeo S.** DAIDS Corrective Action Plan, Botha's Hill CRS Evaluation Report, *Technical Report*. Durban: South African Medical Research Council; April 2012.
24. **Sukhdeo S.** DAIDS Corrective Action Plan, Botha's Hill CRS Evaluation Report, *Technical Report*. Durban: South African Medical Research Council; May 2012.
25. **Sukhdeo S.** Family Health International Community Report, *Technical Report*. Durban: South African Medical Research Council ; May 2012

Dissertation/s

26. **Haripersad K.** An investigation into the implementation of the new supply chain management system from a change management perspective at the South African Medical Research Council. [*Masters dissertation*]. [KwaZulu Natal, South Africa]: Management College of Southern Africa; 2012.
27. **Naidoo A.** A discourse analysis, on the construction of meaning by South African women who have experienced miscarriage or still-birth [*Masters dissertation*]. [Cape Town, South Africa]: University of the Western Cape; 2012.
28. **Shamu S.** The dynamics of intimate partner violence during pregnancy and linkages with HIV infection and disclosure in Zimbabwe. [*PhD dissertation*]. [Cape Town]: University of the Western Cape; 2013.
29. **Sikweyiya YM.** Perceptions of participants and community members about research on gender-based violence [*PHD dissertation*]. [Johannesburg, South Africa]: University of the Witwatersrand; 2013.

Human Genetics Research Unit

BOOK CHAPTER/S

1. **Beighton P**, Sellars S. Hereditary deafness in southern Africa (Chapter 40) In: Genomics and Health in the Developing world. Kumar D (ed). ISBN 978-0-19-537475-9. 2012.pg 466-474
2. **Beighton P**. Genetic disorders in Minority groups in South Africa (Chapter 39) In: Genomics and Health in the Developing world, Kumar D (ed). ISBN 978-0-19-537475-9; 2012. pg. 450-465
3. **Beighton P**. Genetic Epidemiology of South Atlantic Oceanic Islands (Chapter 38) In: Genomics and Health in the Developing world. Kumar D (ed). ISBN 978-0-19-537475-9 2012. pg 444-49.
4. **Beighton P**. Heritable Disorders of connective tissue in South Africa (Chapter 42) In: Genomics and Health in the Developing world. Kumar D (ed).ISBN 978-0-19-537475-9. 2012. pg 482-48
5. **Beighton P**. Heritable Disorders of the Skeleton on South Africa (Chapter 41) In: Genomics and Health in the Developing world. Kumar D (ed).ISBN 978-0-19-537475-9. 2012. pg 475-481
6. **Dalvie S, Howells F**. Genetics and Molecular biology (Chapter 6); In: Substance Use and Abuse in South Africa: Insights from Brain and Behavioural Sciences. George E, Meintjies E, Thomas K, Stein D(ed). Cape Town: UCT Press, 2012.
7. Hardy B, Séguin B, **Ramesar R**, Singer PA, Daar AS. The Genomic Research and Health applications in South Africa (Chapter 49) In: Genomics and Health in the Developing world, D Kumar(ed).ISBN 978-0-19-537475-9. 2012. pg 599-604.
8. **Wonkam A**. The Burden of birth defects and genetic disease in Sub-Saharan Africa. (Chapter 37) In: Genomics and Health in the Developing world. Kumar D (ed). Oxford Monographs on Medical Genetics. ISBN 978-0-19-537475-9. 2012. pg421-443

JOURNAL ARTICLE/S

9. **Beighton P**, Fieggen K, Wonkam A, **Ramesar R**, Greenberg J. UCT's contribution to medical genetics in Africa - from the past into the future. *South African medical journal*. 2012 Jun; 102(6): 446-8.
10. **Bruwer Z, Futter M, Ramesar R**. A mobile colonoscopic unit for lynch syndrome: trends in surveillance uptake and patient experiences of screening in a developing country. *Journal of genetic counseling*. 2013 Feb; 22(1): 125-37. DOI: 10.1007/s10897-012-9523-9. Epub 2013 Jan 9.
11. **Bruwer Z, Futter M, Ramesar R**. Communicating cancer risk within an African context: Experiences, disclosure patterns and uptake rates following genetic testing for Lynch syndrome. *Patient Education and Counseling*. 2013 Feb 28. pii: S0738-3991(13)00052-9. DOI: 10.1016/j.pec.2013.02.001. [Epub ahead of print]

12. Rayner B, **Ramesar R**, Steyn K, Levitt N, Lombard C, Charlton K. G-protein-coupled receptor kinase 4 polymorphisms predict blood pressure response to dietary modification in Black patients with mild-to-moderate hypertension. *Journal of Human Hypertension*. 2012 May; 26(5): 334-9. DOI: 10.1038/jhh.2011.33. Epub 2011 May 5.
13. Vergouwe F, Boutall A, Stupart D, Algar U, Govender D, Van Der Linde GD, Mall A, **Ramesar R**, Goldberg PA. Mismatch repair deficiency in colorectal cancer patients in a low-incidence area. *South African Journal of Surgery*. 2013 Feb 14; 51(1): 16-21. DOI: 10.7196/sajs.1314.

Human Genomics Diversity & Disease Research unit

JOURNAL ARTICLE/S

1. Moodley Y, Linz B, Bond RP, Nieuwoudt M, **Soodyall H**, Schlebusch CM, Bernhoft S, Hale J, Suerbaum S, Mugisha L, van der Merwe SW, Achtman M. Age of the association between *Helicobacter pylori* and man. *PLoS Pathogen*. 2012 May; 8(5): e1002693. DOI: 10.1371/journal.ppat.1002693. Epub 2012 May 10.
2. **Schlebusch CM**, Lombard M, **Soodyall H**. MtDNA control region variation affirms diversity and deep sub-structure in populations from southern Africa. *BMC Evolutionary Biology*. 2013 Feb 27; 13: 56. DOI: 10.1186/1471-2148-13-56.

Immunology of Infectious Disease Research Unit

JOURNAL ARTICLE/S

1. Alexander J, **Brombacher F**. T helper1/t helper2 cells and resistance/susceptibility to leishmania infection: is this paradigm still relevant? *Frontiers in Immunology*. 2012; 3: 80. Epub 2012 Apr 17.
2. Hodkinson B, **Meyer PWA**, Musenge E, Ally M, **Anderson R**, Tikly M. Exaggerated circulating Th-1 cytokine response in early rheumatoid arthritis patients with nodules. *Cytokine*. 2012 Nov; 60(2): 561-4.
3. Hodkinson B, Musenge E, Ally M, **Meyer P**, **Anderson R**, Tikly M. Functional disability and health-related quality of life in South Africans with early rheumatoid arthritis. *Scandinavian Journal of Rheumatology*. 2012 Oct; 41(5): 366-74.
4. Komai-Koma M, **Brombacher F**, Pushparaj PN, Arendse B, McSharry C, Alexander J, Chaudhuri R, Thomson NC, **McKenzie AN**, McInnes I, Liew FY, Xu D. Interleukin-33 amplifies IgE synthesis and triggers mast cell degranulation via interleukin-4 in naïve mice. *Allergy*. 2012 Jun 15. [Epub ahead of print]. DOI: 10.1111/j.1398-9995.2012.02859.x.
5. Link A, Zabel F, Schnetzler Y, Titz A, **Brombacher F**, Bachmann MF. Innate immunity mediates follicular transport of particulate but not soluble protein antigen. *Journal of immunology*. 2012 Apr 15; 188(8): 3724-33. Epub 2012 Mar 16.
6. Müller U, Piehler D, Stenzel W, Köhler G, Frey O, Held J, Grahner A, Richter T, Eschke M, Kamradt T, **Brombacher F**, Alber G. Lack of IL-4 receptor expression on T helper cells reduces T helper 2 cell polyfunctionality and confers resistance in allergic bronchopulmonary mycosis. *Mucosal Immunology*. 2012 May; 5(3): 299-310. DOI: 10.1038/mi.2012.9.

7. Nieuwenhuizen NE, Kirstein F, Jayakumar J, Emedi B, Hurdayal R, Horsnell WG, Lopata AL, **Brombacher F**. Allergic airway disease is unaffected by the absence of IL-4R α -dependent alternatively activated macrophages. *Journal of Allergy and Clinical Immunology*. 2012 Apr 30. [Epub ahead of print]

Indigenous Knowledge Systems Research Unit

JOURNAL ARTICLE/S

1. Lekhooa M, Walubo A, Du Plessis Jan JB, and. **Matsabisa MG**, and Molefe D. Evaluation of Traditional medicine I: Identification of Phela using different Chromatographic techniques. *African Journal of Traditional, Complementary and Alternative Medicines*. 2012. 9(3S): 27-39.
2. Lekhooa M, Walubo A, Du Plessis Jan JB, and. **Matsabisa MG**. Evaluation of Traditional medicine II: The use of Metabolite peak-kinetics to monitor phela in rat plasma. *African Journal of Traditional, Complementary and Alternative medicines*. 2012. 9(3S): 73-80.
3. Lekhooa M, Walubo A, Du Plessis Jan JB, and. **Matsabisa MG**. Evaluation of Traditional Medicines III: The Mechanism of Immune Modulation by PHELA. *African Journal of Traditional, Complementary and Alternative medicines*. 2012. 9(3S): 47-6347.
4. **Matsabisa MG**, Sekhoacha MP, Ibrahim O, Moodley P , Faber M. Nutritional content and a Phase- I safety clinical trial of a herbal-nutritional supplement (imuniti) with putative immune- modulating properties. *African Journal of Traditional, Complementary, and Alternative Medicines*. 2012; 9(3S): 19-23.

Inflammation and Immunity Research Unit

JOURNAL ARTICLE/S

1. Feldman C, **Anderson R**. Antibiotic Resistance of Pathogens Causing Community-Acquired Pneumonia. *Seminars in Respiratory and Critical Care Medicine*. 2012 Jun; 33(3): 232-43. DOI: 10.1055/s-0032-1315635. Epub 2012 Jun 20.
2. **Mokgobu MI, Anderson R, Steel HC, Cholo MC, Tintinger GR, Theron AJ**. Manganese promotes increased formation of hydrogen peroxide by activated human macrophages and neutrophils in vitro. *Inhalation Toxicology*. 2012; 24(10): 634-44. DOI: 10.3109/08958378.2012.706657.
3. **Mutepe ND, Cockeran R, Steel HC, Theron AJ**, Mitchell TJ, Feldman C, **Anderson R**. Effects of cigarette smoke condensate on pneumococcal biofilm formation and pneumolysin. *European Respiratory Journal*. 2013 Feb; 41(2): 392-5. DOI: 10.1183/09031936.00213211. Epub 2012 Jun 27.
4. **Steel HC, Theron AJ, Cockeran R, Anderson R**, Feldman C. Pathogen- and host-directed anti-inflammatory activities of macrolide antibiotics. *Mediators of Inflammation*. 2012; 2012: 584262. DOI: 10.1155/2012/584262. Epub 2012 Jun 21.
5. **Thaver V**, Meyer J, **Cockeran R**, Cholo M, **Anderson R** and Lall N. Investigation of the Anti-Mycobacterial Mechanism of Action of 7-Methyljuglone. *Open Journal of Respiratory Diseases*. 2012 May; 2(2): 60-62. [Epub ahead of print]. DOI: 10.4236/ojrd.2012.22009

6. **Tintinger GR, Anderson R**, Feldman C. Pharmacological approaches to regulate neutrophil activity. *Seminars in Immunopathology*. 2013 Mar 15. [Epub ahead of print]
7. Verma RK, **Germishuizen WA, Motheo MP**, Agrawal AK, **Singh AK**, Mohan M, Gupta P, Gupta UD, **Cholo M, Anderson R**, Fourie PB, Misra A. Inhaled microparticles containing clofazimine are efficacious in treatment of experimental tuberculosis in mice. *Antimicrob Agents Chemother*. 2013 Feb; 57(2): 1050-2. DOI: 10.1128/AAC.01897-12. Epub 2012 Nov 26.

Dissertation/s

8. **Barmania F**. Analysis of CCR5 diversity in the South African population [*Masters dissertation*]. [Pretoria, South Africa]: University of Pretoria; 2012.
9. **Du Plessis J**. Bacterial translocation: cause of activated intestinal macrophages in decompensated liver disease [*Masters dissertation*]. [Pretoria, South Africa]: University of Pretoria; 2012.
10. **Du Preez M**. Implementation of a blood conservation program in the private hospital setting in South Africa [*Masters dissertation*]. [Pretoria, South Africa]: University of Pretoria; 2012.
11. **Lodder CM**. Investigation of the neutrophil-directed anti-inflammatory properties of the cysteinyl leukotriene receptor antagonist, montelukast [*PHD dissertation*]. [Pretoria, South Africa]: University of Pretoria; 2012.
12. **Motheo MP**. Evaluation of the intracellular anti-mycobacterial activity of a clofazimine nanoparticle formulation in macrophages. [*Masters dissertation*]. [Pretoria, South Africa]: University of Pretoria; 2012.
13. **Mutepe N D**. Effects of cigarette smoke condensate on the growth of and production of biofilm by *Streptococcus pneumoniae* and on the bioactivity of pneumolysin [*Masters dissertation*]. [Pretoria, South Africa]: University of Pretoria; 2012.
14. **Zwane H**. Investigation of the role of the Trk potassium transporter of Mycobacterium tuberculosis in intracellular survival. [*Masters dissertation*]. [Pretoria, South Africa]: University of Pretoria; 2012.

Inter-university Cape Heart Research Unit

JOURNAL ARTICLE/S

1. **Adam T, Sharp S, Opie LH, Lecour S**. Loss of cardioprotection with ischemic preconditioning in aging hearts: role of sirtuin 1? *Journal of cardiovascular pharmacology and therapeutics*. 2013 Jan; 18(1): 46-53. DOI: 10.1177/1074248412458723. Epub 2012 Sep 6.
2. Billman GE, Harris WS, Carnes CA, Adamson PB, Vanoli E, **Schwartz PJ**. Dietary Omega-3 Fatty Acids and Susceptibility to Ventricular Fibrillation: Lack of Protection and a Proarrhythmic Effect. *Circulation. Arrhythmia and electrophysiology*. 2012 Jun, 5(3): 553-60.

3. Blauwet LA, **Libhaber E**, Forster O, **Tibazarwa K**, Mebazaa A, Hilfiker-Kleiner D, Sliwa K. Predictors of outcome in 176 South African patients with peripartum cardiomyopathy. *Heart*. 2013 Mar; 99(5): 308-13. DOI: 10.1136/heartjnl-2012-302760. Epub 2012 Oct 31.
4. Cuchel M, Meagher EA, du Toit Theron H, **Blom DJ**, **Marais AD**, Hegele RA, Aversa MR, Sirtori CR, Shah PK, Gaudet D, Stefanutti C, Vigna GB, Du Plessis AM, Probert KJ, Sasiela WJ, Bloedon LT, Rader DJ; Phase 3 HoFH Lomitapide Study investigators. Efficacy and safety of a microsomal triglyceride transfer protein inhibitor in patients with homozygous familial hypercholesterolaemia: a single-arm, open-label, phase 3 study. *Lancet*. 2013 Jan 5; 381(9860): 40-6. DOI: 10.1016/S0140-6736(12)61731-0. Epub 2012 Nov 2.
5. Frias M, **Lecour S**, James RW, Pedretti S. High density lipoprotein/sphingosine-1-phosphate-induced cardioprotection: Role of STAT3 as part of the SAFE pathway. *JAK/STAT Journal* 2012 Apr; 1(2): 92-100. <http://dx.DOI.org/10.4161/jkst.19754> [Review]
6. Geldenhuys A, Koshy JJ, Human PA, Mtwale JF, Brink JG, **Zilla P**. Rheumatic mitral repair versus replacement in a threshold country: the impact of commissural fusion. *Journal of Heart Valve Disease*. 2012 Jul; 21(4): 424-32.
7. **Huisamen B**, George C, Dietrich D, Genade S, **Lochner A**. Cardioprotective and anti-hypertensive effects of *Prosopis glandulosa* in rat models of pre-diabetes. *Cardiovascular Journal of Africa* 2013 Feb; 24(1): 31- 37. DOI: 10.5830/CVJA-2012-06.
8. James RW, Frias M, **Lecour S**. Lipid-induced modulation of protective signalling pathways in cardiovascular disease: the role of high density lipoproteins. *Current Signal Transduction Therapy*. 2012 Jun; 7(2): 96-103. DOI: <http://dx.DOI.org/10.2174/157436212800376627>
9. **Lamont K**, Blackhurst D, **Albertyn Z**, Marais D, **Lecour S**. Lowering the alcohol content of red wine does not alter its cardioprotective properties. *South African Medical Journal*. 2012 Jun; 102(6): 565-7.
10. Pretorius S, **Sliwa K**, Ruf V, Walker K, Stewart S. Feeding the emergence of advanced heart disease in Soweto: a nutritional survey of black African patients with heart failure. *Cardiovascular Journal of Africa*. 2012 Jun; 23(5): 245-51. DOI: 10.5830/CVJA-2011-021.
11. Schäfer HH, De Villiers JN, Sudano I, Dischinger S, Theus GR, **Zilla P**, Dieterle T. Recommendations for the treatment of hypertension in the elderly and very elderly: a scotoma within international guidelines. *Swiss Medical Weekly*. 2012 May 9; 142: w13574. DOI: 10.4414/smw.2012.13574.
12. Selker HP, Beshansky JR, Sheehan PR, Massaro JM, Griffith JL, D'Agostino RB, Ruthazer R, Atkins JM, Sayah AJ, Levy MK, Richards ME, Aufderheide TP, Braude DA, Pirrallo RG, Doyle DD, Frascone RJ, Kosiak DJ, Leaming JM, Van Gelder CM, Walter GP, Wayne MA, Woolard RH, **Opie LH**, Rackley CE, Apstein CS, Udelson JE. Out-of-hospital administration of intravenous glucose-insulin-potassium in patients with suspected acute coronary syndromes: the IMMEDIATE randomized controlled trial. *Journal of the American Medical Association*. 2012 May 9; 307(18): 1925-33. DOI: 10.1001/jama.2012.426. Epub 2012 Mar 27.

13. **Sliwa K**, Carrington MJ, Becker A, Thienemann F, Ntsekhe M, Stewart S. Contribution of the human immunodeficiency virus/acquired immunodeficiency syndrome epidemic to de novo presentations of heart disease in the Heart of Soweto Study cohort. *European Heart Journal*. 2012 Apr; 33(7): 866-74. DOI: 10.1093/eurheartj/ehr398. Epub 2011 Nov 1.
14. Sliwa K, **Zilla P**. Rheumatic heart disease: The tip of the iceberg. *Circulation*. 2012 Jun 26; 125(25): 3060-2. DOI: 10.1161/CIRCULATIONAHA.112.114199. Epub 2012 May 24.
15. Somers S, Frias M, Lacerda L, **Opie L, Lecour S**. Interplay Between SAFE and RISK Pathways in Sphingosine-1-Phosphate–Induced Cardioprotection. *Cardiovascular Drugs and Therapy*. 2012 Jun; 26(3): 227-37. DOI: 10.1007/s10557-012-6376-2.
16. **Van de Vyver M**, Myburgh KH. Cytokine and satellite cell responses to muscle damage: interpretation and possible confounding factors in human studies. *Journal of Muscle Research and Cell Motility*. 2012 Aug; 33(3-4): 177-85. DOI: 10.1007/s10974-012-9303-z. Epub 2012 Jun 7.
17. Walenta K, Schwarz V, Schirmer SH, Kindermann I, Friedrich EB, Solomayer EF, **Sliwa K**, Labidi S, Hilfiker-Kleiner D, Böhm M. Circulating microparticles as indicators of peripartum cardiomyopathy. *European Heart Journal*. 2012 Jun; 33(12): 1469-79. DOI: 10.1093/eurheartj/ehr485. Epub 2012 Feb 3.
18. **Zilla P**, Moodley L, Scherman J, Krynauw H, Kortsmid J, Human P, Wolf MF, Franz T. Remodeling leads to distinctly more intimal hyperplasia in coronary than in infrainguinal vein grafts. *Journal of Vascular Surgery*. 2012 Jun; 55(6): 1734-41. DOI: 10.1016/j.jvs.2011.11.057. Epub 2012 Mar 2.

Dissertation/s

19. **Albertyn Z**. The role of toll-like receptors 4 (TLR-4) in wine-induced cardioprotection. [*Masters dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
20. **Delport CJ**. Grape-seed extract (oligomeric proanthocyanidin) or N-acetylcysteine antioxidant supplementation several days before and after an acute bout of plyometric exercise [*Masters dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2013.
21. **Lamont K**. The role of melatonin in red wine-induced cardioprotection [*PhD dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
22. **Van de Vyver M**. The contribution of inflammatory mediators to delayed secondary muscle damage [*PHD dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2013.

Malaria Research Unit

JOURNAL ARTICLE/S

1. Chanda E, Mukonka VM, **Mthembu D**, Kamuliwo M, **Coetzer S**, Shinondo CJ. Using a geographical-information-system-based decision support to enhance malaria vector control in Zambia. *Journal of Tropical Medicine*. 2012; 2012: 363520. DOI:10.1155/2012/363520
2. **Maharaj R, Morris N, Seocharan I**, Kruger P, Moonasar D, Mabuza A, Raswiswi E, **Raman J**. The feasibility of malaria elimination in South Africa. *Malaria Journal*. 2012 Dec 19; 11(1): 423. [Epub ahead of print]
3. Moonasar D, Nutulaganti T, Kruger PS, Mabuza A, Raswiswi ES, Benson FG, **Maharaj R**. Malaria control in South Africa 2000-2010: beyond MDG6. *Malaria Journal*. 2012 Aug 22; 11(1): 294. [Epub ahead of print] DOI: 10.1186/1475-2875-11-294.
4. Vaughan-Williams CH, **Raman J**, Raswiswi E, Immelman E, Reichel H, Gate K, Knight S. Assessment of the therapeutic efficacy of artemether-lumefantrine in the treatment of uncomplicated Plasmodium falciparum malaria in northern KwaZulu-Natal: an observational cohort study. *Malaria Journal*. 2012 Dec 28; 11: 434. DOI: 10.1186/1475-2875-11-434.

Maternal and Infant Health Care Strategies

BOOK/S

1. **Bergh A-M, Pattinson R**, Belizán M, Cilliers C, Jackson D, Kerber K, Philpott H, Voce A; for the Synergy Group (eds). Completing the audit cycle for quality care in perinatal, newborn and child health. Pretoria: MRC Unit for Maternal and Infant Health Care Strategies; 2012 (ISBN: 978 0 620 52334 9)

JOURNAL ARTICLE/S

2. Barry OM, **Bergh AM**, Makin JD, Etsane E, Kershaw TS, Forsyth BW. Development of a measure of the patient-provider relationship in antenatal care and its importance in PMTCT. *AIDS Care*. 2012 Jun; 24(6): 680-6.
3. **Bergh A-M**, Charpak N, Enzeonodo A, Udani R, Van Rooyen E for the KMC Education and Training Working Group. Education and training in the implementation of kangaroo mother care. *South African Journal of Child Health* 2012 May; 6(2): 38-45.
4. **Bergh A-M**, Manu R, **Davy K, Van Rooyen E**, Quansah Asare G, Awoonor Williams JK, Dedzo M, Twumasi A, Nang-beifubah A. Translating research findings into practice – the implementation of kangaroo mother care in Ghana. *Implementation Science*. 2012; 7: 75. DOI: 10.1186/1748-5908-7-75.
5. Koo K, **Makin JD**, Forsyth BW. Where are the men? Targeting male partners in preventing mother-to-child HIV transmission. *AIDS Care*. 2012 Jun 7. [Epub ahead of print]. DOI: 10.1080/09540121.2012.687822.

6. Kulier R, Gülmezoglu AM, Zamora J, Plana MN, Carroli G, Cecatti JG, Germar MJ, Pisake L, Mittal S, **Pattinson R**, Wolombly-Molondo JJ, **Bergh AM**, May W, Souza JP, Koppenhoefer S, Khan KS. Effectiveness of a clinically integrated e-learning course in evidence-based medicine for reproductive health training: a randomized trial. *JAMA-Journal of the American Medical Association*. 2012 Dec 5; 308(21): 2218-25. DOI: 10.1001/jama.2012.33640.

POLICY BRIEF/S

7. UDSAID, MCHIP, Save the Children, University of Pretoria, and **Medical Research Council of South Africa**. Tracking implementation progress for Kangaroo Mother Care: Overview of results from a Multi-country evaluation. *Policy Brief. Washington, DC: Health Newborn Network*, 27 Nov 2012.

Medical Imaging Research Unit

JOURNAL ARTICLE/S

1. Ahmed F, **Spottiswoode BS**, Carey PD, Stein DJ, Seedat S. Relationship between Neurocognition and Regional Brain Volumes in Traumatized Adolescents with and without Posttraumatic Stress Disorder. *Neuropsychobiology*. 2012; 66(3): 174-84.
2. **Divekar NV, John LR**. Neurophysiological, behavioural and perceptual differences between wrist flexion and extension related to sensorimotor monitoring as shown by corticomuscular coherence. *Clinical Neurophysiology*. 2012. Sep 4. [Epub ahead of print] DOI: 10.1016/j.clinph.2012.07.019.
3. **Douglas TS, Gresak LK, Koen N, Fenton-Muir N, Van As AB, Pitcher RD**. Measurement of prevertebral cervical soft tissue thickness on lateral digital radiographs. *Journal of Pediatric Orthopaedics*. 2012 Apr-May; 32(3): 249-52. DOI: 10.1097/BPO.0b013e31824b2811.
4. **Douglas TS**. Biomedical engineering at the University of Cape Town –a. Challenges and opportunities. *South African Medical Journal*. 2012 Jun; 102 (6): 456. [Review]
5. **Douglas TS**. Is the master's degree being neglected in the discourse on postgraduate education? *South African Journal of Science*. 2012 Mar/Apr; 108(3-4): 17. [Letter]
6. **Douglas TS**. Biomedical engineering education in developing countries. *IEEE Technology and Society Magazine*. 2012 Sep; 31(3): 51-57. DOI: 10.1109/MTS.2012.2211155.
7. Hoare J, Fouche JP, **Spottiswoode B**, Donald K, Philipps N, Bezuidenhout H, Mulligan C, Webster V, Oduro C, Schrieff L, Paul R, Zar H, Thomas K, Stein D. A diffusion tensor imaging and neurocognitive study of HIV-positive children who are HAART-naive "slow progressors". *Journal of NeuroVirology*. 2012 Jun; 18(3): 205-12.
8. **Lochner C, Fouché JP, du Plessis S, Spottiswoode B, Seedat S, Fineberg N, Chamberlain SR, Stein DJ**. Evidence for fractional anisotropy and mean diffusivity white matter abnormalities in the internal capsule and cingulum in patients with obsessive-compulsive disorder. *Journal of Psychiatry and Neuroscience*. 2012 May; 37(3): 193-9.

9. **Morgan B**, Terburg D, Thornton HB, Stein DJ, Honk J. Paradoxical facilitation of working memory after basolateral amygdala damage. *PLoS One*. 2012 Jun; 7(6): e38116. DOI: 10.1371/journal.pone.0038116. Epub 2012 Jun 8.
10. Patel B, **Douglas TS**. Creating a virtual slide map from sputum smear images for region-of-interest localisation in automated microscopy. *Computer Methods and Programs in Biomedicine*. 2012 Oct; 108(1): 38-52. DOI: 10.1016/j.cmpb.2011.12.017. Epub 2012 Jan 17.
11. **Spottiswoode BS**, van den Heever DJ, Chang Y, Engelhardt S, Du Plessis S, Nicolls F, Hartzenberg HB, Gretschel A. Preoperative Three-Dimensional Model Creation of Magnetic Resonance Brain Images as a Tool to Assist Neurosurgical Planning. *Stereotactic and Functional Neurosurgery*. 2013 Feb 27; 91(3): 162-169. [Epub ahead of print]
12. Syal S, Hattingh CJ, **Fouché JP**, **Spottiswoode B**, **Carey PD**, **Lochner C**, **Stein DJ**. Grey matter abnormalities in social anxiety disorder: a pilot study. *Metabolic Brain Disease*. 2012 Sep; 27(3): 299-309. DOI: 10.1007/s11011-012-9299-5. Epub 2012 Apr 22.
13. Terburg D, **Morgan BE**, Montoya ER, Hooge IT, Thornton HB, Hariri AR, Panksepp J, Stein DJ, van Honk J. Hypervigilance for fear after basolateral amygdala damage in humans. *Translational Psychiatry*. 2012 May 15; 2: e115. DOI: 10.1038/tp.2012.46.
14. Tisdall MD, Hess AT, Reuter M, **Meintjes EM**, Fischl B, Van Der Kouwe AJW. Volumetric navigators for prospective motion correction and selective reacquisition in neuroanatomical MRI. *Magnetic Resonance in Medicine*. 2012 Aug; 68(2): 389-99. DOI: 10.1002/mrm.23228. Epub 2011 Dec 28.
15. Van Honk J, Eisenegger C, Terburg D, Stein DJ, **Morgan B**. Generous economic investments after basolateral amygdala damage. *Proceedings of the National Academy of Sciences of the United States of America*. 2013 Feb 12; 110(7): 2506-10. DOI: 10.1073/pnas.1217316110. Epub 2013 Jan 22.

Dissertation/s

16. **Alhamud AA**. Implementation of anatomical navigators for real time motion correction in diffusion Tensor Imaging [*PhD dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
17. **Burger IH**. Control system approach to subject specific prospective respiratory motion correction in cardiac MRI [*PhD dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
18. **Dixon T-L**. Implementation and evaluation of a bony structure suppression software tool for chest X-ray imaging [*Masters dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.
19. **Mudd R. W.** Exploring the range of motion between the acetabular component and the femoral component in hip resurfacing [*Masters dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.

20. **Robertson F.** Issues in the processing and analysis of functional NIRS imaging and contrast with fMRI findings in a study of sensorimotor deactivation and connectivity [PhD dissertation]. [Cape Town, South Africa]: University of Cape Town; 2012.
21. **Saleh M G.** Methods and adaptations required to perform small-animal MRI scanning using a large bore clinical MRI [*Masters dissertation*]. [Cape Town, South Africa]: University of Cape Town; 2012.

Molecular Mycobacteriology Research Unit

BOOK CHAPTER/S

1. **Warner DF, Mizrahi V.** 2012 May. Tuberculosis Drug Discovery: Target Identification and Validation. (Chapter 3). *In: Drug Discovery in Africa: Impacts of Genomics, Natural Products, Traditional Medicines, Insights into Medicinal Chemistry, and Technology Platforms in Pursuit of New Drugs.* Chibale KC, Davies-Coleman M, Masimerembwa C (eds). Springer, pp. 53-84.

JOURNAL ARTICLE/S

2. **Gopinath K,** Venclovas C, loerger TR, Sacchettini JC, McKinney JD, **Mizrahi V, Warner DF.** A vitamin B12 transporter in Mycobacterium tuberculosis. *Open Biology.* 2013 Feb 13; 3(2): 120175. DOI: 10.1098/rsob.120175.
3. Li Y, de Kock C, Smith PJ, Hendricks DT, **Naran K, Mizrahi V, Warner DF, Chibale K,** Smith, G.S. Synthesis, characterization, and pharmacological evaluation of silicon-containing aminoquinoline organometallic complexes as antiplasmodial, antitumor, and antimycobacterial agents. *Organometallics.* 31 Dec 2012. [Epub ahead of print] DOI:dx.DOI.org/10.1021/om300945c.
4. **Robertson BD,** Altmann D, Barry C, Bishai B, Cole S, Thomas Dick, Duncan K, Dye C, Ehrt S, Esmail H, Flynn J, Hafner R, Handley G, Hanekom W, van Helden P, Kaplan G, Kaufmann SH, Kim P, Lienhardt C, **Mizrahi V,** Rubin E, Schnappinger D, Sherman D, Thole J, Vandal O, Walzl G, Warner D, Wilkinson R, Young D. Detection and treatment of subclinical tuberculosis. *Tuberculosis (Edinb).* 2012 Jul 20. [Epub ahead of print] DOI: 10.1016/j.tube.2012.06.004
5. Tukulula M, Sharma R-K, Meurillon M, Mahajan A, **Naran K,** Warner D, Huang J, Mekonnen B, Chibale K. Synthesis and antiplasmodial and antimycobacterial evaluation of new nitroimidazole and nitroimidazooxazine derivatives. *ACS Medicinal Chemistry Letters.* 2013 Jan 10; 4(1): 128-131.
6. Warner DF, **Mizrahi V.** Approaches to target identification and validation for tuberculosis drug discovery: a UCT perspective. *South African Medical Journal.* 2012 Jun; 102(6): 457-60.

Dissertation/s

7. **Ansarie M.** A role for *recJ* in *Mycobacterium tuberculosis* [Honours dissertation]. [Cape Town, South Africa]: University of Cape Town; 2012.

8. **Moosa A.** Molecular mechanisms of transport and metabolism of vitamin B12 in mycobacteria [Masters dissertation]. [Johannesburg, South Africa]: University of the Witwatersrand; 2012

Nutrition Intervention Research Unit

BOOK/S

1. **Faber M**, Laurie S, Ball A, Andrade M. A crop-based approach to address vitamin A deficiency in South Africa. Medical Research Council, Cape Town /ARC-Roodeplaat, Pretoria, South Africa, 2013. ISBN 978-1-920618-04-9.

BOOK CHAPTER/S

2. **Van Jaarsveld PJ, Faber M.** Sweetpotato as a staple or complementary food. (Chapter 19). In: Carotenoids and Human Health. Tanumihardjo SA (ed). Springer Science + Business Media, LLC, New York, pp. 303 – 315, 2013.

JOURNAL ARTICLE/S

3. Baumgartner J, Smuts CM, Malan L, Kvalsvig J, **van Stuijvenberg ME**, Hurrell RF, Zimmermann MB. Effects of iron and n-3 fatty acid supplementation, alone and in combination, on cognition in school children: a randomized, double-blind, placebo-controlled intervention in South Africa. *American Journal Of Clinical Nutrition*. 2012 Dec; 96(6): 1327-38. DOI: 10.3945/ajcn.112.041004. Epub 2012 Oct 24.
4. Charlton KE, **Jooste PL**, Steyn K, Levitt NS, Ghosh A. A lowered salt intake does not compromise iodine status in South Africa, a country with mandatory salt iodization. *Nutrition*. 2013 Apr; 29(4): 630-4. DOI:10.1016/j.nut.2012.09.010. Epub 2012 Dec 28.
5. Hotz C, Loechl C, De Brauw A, Eozenou P, Gilligan D, Moursi M, Munhaua B, **Van Jaarsveld P**, Carriquiry A, Meenakshi JV. A large-scale intervention to introduce orange sweet potato in rural Mozambique increases vitamin A intakes among children and women. *British Journal of Nutrition*. 2012 Jul; 108(1):163-76.
6. Kruger HS, **Faber M**, Schutte AE, Ellis SM. A proposed cutoff point of waist-to-height ratio for metabolic risk in African township adolescents. *Nutrition*. 2013 Mar; 29(3): 502-7. DOI: 10.1016/j.nut.2012.08.009. Epub 2012 Dec 28.
7. Laurie SM, **van Jaarsveld PJ, Faber M**, Philpott MF, Labuschagne MT. Trans- β -carotene, selected mineral content and potential nutritional contribution of 12 sweetpotato varieties. *Journal of Food Composition Analysis*. 2012 Sep; 27(2): 151-159.
8. Motswagole BS, Kruger, HS, **Faber M**, Monyeki, KD. Body composition in stunted, compared to non-stunted, black South African children, from two rural communities. *South African Journal of Clinical Nutrition*. 2012; 25(2): 62-66.
9. Satti H, Mafukidze A, **Jooste PL**, McLaughlin MM, Farmer PE, Seung KJ. High rate of hypothyroidism among patients treated for multidrug-resistant tuberculosis in Lesotho. *International Journal of Tuberculosis and Lung Disease*. 2012 Apr; 16(4): 468-72. DOI: 10.5588/ijtld.11.0615.

10. Zimmermann MB, Aeberli I, Andersson M, Assey V, Yorg JA, **Jooste P**, Jukić T, Kartono D, Kusić Z, Pretell E, San Luis TO Jr, Untoro J, Timmer A. Thyroglobulin Is a Sensitive Measure of Both Deficient and Excess Iodine Intakes in Children and Indicates No Adverse Effects on Thyroid Function in the UIC Range of 100-299 µg/L: A UNICEF/ICCIDD Study Group Report. *Journal of Clinical Endocrinology and Metabolism*. 2013 Mar; 98(3): 1271-80. DOI: 10.1210/jc.2012-3952. Epub 2013 Jan 23.

TECHNICAL REPORT/S

11. Hussein I, Fikri M, Badawi S, Min Y, **Jooste P**, AlShamakhi S. Determination of the Urinary Iodine (UI) level and Iodine Deficiency Disorders (IDD) prevalence in a cohort of pregnant women in the United Arab Emirates. *Technical Report*. United Arab Emirates, July 2012.
12. **Van Stuijvenberg ME, van Jaarsveld PJ, Strydom EE, Faber M**. Evaluation of a new rapid test assay for serum retinol under field conditions: comparison with an established HPLC method. *Technical Report*. Cape Town: South African Medical Research Council; October 2012.

Oesophageal Cancer Research Group

BOOK CHAPTER/S

1. Kaschula CH, Lang D, **Parker MI**. Live In-Cell Visualization of Proteins Using Super Resolution Imaging. (Chapter 16.) In: Cai J, Wang RE (eds). Protein Interactions. Croatia: InTech. March 16, 2012. ISBN: 978-953-51-0244-1

JOURNAL ARTICLE/S

2. **Kaschula CH**, Hunter R, Stellenboom N, Cairn MR, Winks S, Ogunleye T, Richards P, Cotton J, Zilbeyaz K, **Wang Y, Siyo V, Ngarande E, Parker MI**. Structure-activity studies on the anti-proliferation activity of ajoene analogues in WHCO1 oesophageal cancer cells. *European Journal of Medicinal Chemistry*. 2012 Apr; 50: 236-54.
3. Vogelsang M, Wang Y, Veber N, Mwapagha LM, **Parker MI**. The cumulative effects of polymorphisms in the DNA mismatch repair genes and tobacco smoking in oesophageal cancer risk. *PLoS One*. 2012 May; 7(5): e36962. DOI: 10.1371/journal.pone.0036962. Epub 2012 May 18.

Oncology Research Unit

JOURNAL ARTICLE/S

1. Guruprasad KP, Subramanian AA, Singh V, Sharma RSK, Mundyat GP, **Sewram V**, Madhavankutty VP, Kapaettu S. Brahmarasayana protects against Ethyl methanesulfonate or Methyl methanesulfonate induced chromosomal aberrations in mouse bone marrow cells. *BMC Complementary and Alternative Medicine*. 2012 Aug; 12: 113.

PRIMATE

Dissertation/s

1. **Chauke C**. Defining the African green monkey (*chlorocebus aethiops*): expression behaviour of selected lipid metabolism genes in response to niacin [*PHD dissertation*]. [Cape Town]: University of the Western Cape; 2012.

PROMECC

BOOK/S

1. Pitt JI, Wild CP, Baan R, **Gelderblom WCA**, Miller JD, Riley R, Wu F (eds). Improving Public Health through Mycotoxin Control, IARC Scientific Publication no. 158, WHO Press, World Health Organisation, Geneva, Switzerland IARC Press. March 2013 ISBN 978-92-832-2158-6.

JOURNAL ARTICLE/S

2. Atukwase A, Kaaya A, Muyanja C, **Vismer H**, **Rheeder JP**. Diversity of Gibberella fujikuroi species complex isolated from maize produced in Uganda. *International Journal of Plant Pathology*. 2012; 3 (1): 1-13.
3. Govender I, **Matzopoulos R**, Makanga P, Corrigan J. Piloting a trauma surveillance tool for primary health care emergency centers. *South African Medical Journal*. 2012 May; 102(5): 303-306.
4. **Govender T**, Dawood A, Esterhuysen AJ, **Katerere DR**. Antimicrobial properties of the skin secretions of frogs: review article. *South African Journal of Science*. 2012 May/June; 108(5 & 6): 1-6. DOI: 10.4102/sajs.v108i5/6.79 [Review]
5. Hon GM, Hassan MS, van Rensburg SJ, **Abel S**, Erasmus RT, Matsha T. Non-esterified fatty acids in blood cell membranes from patients with multiple sclerosis. *European Journal of Lipid Science and Technology*. 2012 Jul; 114(7): 703-9.
6. **Katerere DR**, Gray AI, Nash RJ, Waigh RD. Phytochemical and antimicrobial investigations of stilbenoids and flavonoids isolated from three species of Combretaceae. *Fitoterapia*. 2012 Jul; 83(5): 932-40.
7. Logrieco AF, Munkvold G, **Shephard G**. 1st special issue on mycotoxin risks in mediterranean countries. *Phytopathologia Mediterranea*. 2012 Apr; 51(1): 91.
8. Lombard M, Steyn N, **Burger HM**, Charlton K, **Gelderblom W**. A proposed method to determine fumonisin exposure from maize consumption in a rural South African population using a culturally appropriate FFQ. *Public Health Nutrition*. 2012 Nov 16: 1-8. DOI: 10.1017/S1368980012004946. [Epub ahead of print]
9. Magcwebeba TU, Riedel S, **Swanevelder S**, Bouic P, Swart P and **Gelderblom W**. Interleukin-1alpha induction in human keratinocytes (HaCaT) as an in vitro cell model for investigating skin cancer. *Journal of Skin Cancer*. 2012, 393681: 1-10. DOI:10.1155/2012/393681.
10. **Shephard GS**, Berthiller F, Burdaspal PA, Crews C, Jonker MA, Krska R, Lattanzio VMT, MacDonald S, Malone RJ, Maragos C, Sabino M, Solfrizzo M, Van Egmond HP, Whitaker TB. Developments in mycotoxin analysis: an update for 2011-2012. *World Mycotoxin Journal* 2013 Feb; 6(1): 3-30.

11. **Shephard GS, Rheeder JP, Van Der Westhuizen L.** Effect of the traditional cooking practice on fumonisin content of maize porridge consumed in the former Transkei region of South Africa. *World Mycotoxin Journal*. 2012 Nov; 5(4): 405-7.

TECHNICAL REPORT/S

12. Alberts JF, **Gelderblom WCA.** Biological degradation of mycotoxins in food and feed grain commodities. *Technical Report*. Cape Town: South African Medical Research Council; August 2012.
13. **Gelderblom WCA,** Riedel S. Chemopreventive properties of South African herbal teas. South African Rooibos Council. *Technical Report*. Cape Town: South African Medical Research Council; April 2012.
14. **Gelderblom WCA.** Investigation of the chemopreventive and/or chemoprotective properties of extracts of South African herbal teas. *Technical Report*. Pretoria: Technology and Human Resources for industry programme, National Research Foundation (THRIP-NRF); April 2012.

Dissertation/s

15. **Riedel, S.** Modulation of lipid metabolism as a possible tool to prevent carcinogenic effects of fumonisin B1 in rat liver [*PHD dissertation*]. [Germany]: Institute of Food Chemistry, Department of Chemistry and Pharmacy, Faculty of Mathematics and Natural Sciences, University of Muenster; 2012.
16. **Van der Merwe JD.** Bioavailability of major polyphenols present in South African herbal teas, rooibos (*Aspalathus linearis*) and honeybush (*Cyclopia intermedia*) [*PhD dissertation*]. [Cape Town, South Africa]: University of Stellenbosch; 2012.

Receptor Biology Research Unit

JOURNAL ARTICLE/S

1. **Adefuye A,** Sales K. Regulation of Inflammatory Pathways in Cancer and Infectious Disease of the Cervix. *Scientifica*. 2012; Article ID 548150: 1-8. DOI: 10.6064/2012/548150.
2. Clarke IJ, Smith JT, Henry BA, Oldfield BJ, Stefanidis A, **Millar RP,** Sari IP, Chng K, Fabre-Nys C, Caraty A, Ang BT, Chan L, Fraley GS. Gonadotropin-Inhibitory Hormone Is a Hypothalamic Peptide That Provides a Molecular Switch between Reproduction and Feeding. *Neuroendocrinology* 2012; 95(4): 305-316. DOI: 10.1159/000332822.
3. Davids V, Blackhurst DM, **Katz AA,** Harley EH. Origins and function of 3-ribosylurate in bovid erythrocytes. *Veterinary Journal*. 2012 Jun; 192(3): 326-32.
4. **de Voux A, Chan MC, Folefoc AT, Madziva MT, Flanagan CA.** Constitutively active CCR5 chemokine receptors differ in mediating HIV envelope-dependent fusion. *PLoS One*. 2013 Jan; 8(1): e54532. DOI: 10.1371/journal.pone.0054532. Epub 2013 Jan 23.
5. George JT, Anderson RA, **Millar RP.** Kisspeptin-10 stimulation of gonadotrophin secretion in women is modulated by sex steroid feedback. *Human Reproduction*. 2012 Dec; 27(12): 3552-9. DOI: 10.1093/humrep/des326.

6. George JT, Veldhuis JD, Tena-Sempere M, **Millar RP**, Anderson RA. Exploring the pathophysiology of hypogonadism in men with type 2 diabetes: Kisspeptin-10 stimulates serum testosterone and LH secretion in men with type 2 diabetes and mild biochemical hypogonadism. *Clinical Endocrinology*. 2012 Nov 15. [Epub ahead of print] DOI: 10.1111/cen.12103.
7. Goodman RL, Maltby MJ, **Millar RP**, Hileman SM, Nestor CC, Whited B, Tseng AS, Coolen LM, Lehman MN. Evidence that dopamine acts via kisspeptin to hold GnRH pulse frequency in check in anestrus ewes. *Endocrinology*. 2012 Dec; 153(12): 5918-27. DOI: 10.1210/en.2012-1611. Epub 2012 Oct 4.
8. Grachev P, Li XF, Kinsey-Jones JS, di Domenico AL, **Millar RP**, Lightman SL, O'Byrne KT . Suppression of the GnRH pulse generator by neurokinin B involves a κ -opioid receptor-dependent mechanism. *Endocrinology*. 2012 Oct; 153(10): 4894-904.
9. Roseweir AK, **Katz AA**, **Millar RP**. Kisspeptin-10 inhibits cell migration in vitro via a receptor-GSK3 beta-FAK feedback loop in HTR8SVneo cells. *Placenta*. 2012 May; 33(5): 408-15. DOI: 10.1016/j.placenta.2012.02.001.
10. Sales KJ, **Katz AA**. Inflammatory pathways in cervical cancer - the UCT contribution. *South African Medical Journal*. 2012 Jun; 102(6): 493-6.
11. Sales KJ, Sutherland JR, Jabbour HN, **Katz AA**. Seminal plasma induces angiogenic chemokine expression in cervical cancer cells and regulates vascular function. *Biochimica et Biophysica Acta*. 2012 Oct; 1823(10): 1789-95. DOI: 10.1016/j.bbamcr.2012.06.021. Epub 2012 Jun 23.
12. Son YL, Ubuka T, **Millar RP**, Kanasaki H, Tsutsui K. Gonadotropin-inhibitory hormone inhibits GnRH-induced gonadotropin subunit gene transcriptions by inhibiting AC/cAMP/PKA-dependent ERK pathway in LbetaT2 cells. *Endocrinology*. 2012 May; 153(5): 2332-43. DOI: 10.1210/en.2011-1904. Epub 2012 Feb 28.
13. Sutherland JR, Sales KJ, Jabbour HN, **Katz AA**. Seminal plasma enhances cervical adenocarcinoma cell proliferation and tumour growth in vivo. *PLoS One*. 2012 Mar; 7(3): e33848. DOI: 10.1371/journal.pone.0033848. Epub 2012 Mar 19.
14. Tello JA, Newton CL, Bouligand J, Guiochon-Mantel A, **Millar RP**, Young J. Congenital Hypogonadotropic Hypogonadism Due to GNRH Receptor Mutations in Three Brothers Reveal Sites Affecting Conformation and Coupling. *PLoS One*. 2012; 7(6): e38456. DOI: 10.1371/journal.pone.0038456. Epub 2012 Jun 5.
15. Young J, George JT, Tello JA, Francou B, Bouligand J, Guiochon-Mantel A, Brailly-Tabard S, Anderson RA, **Millar RP**. Kisspeptin Restores Pulsatile LH Secretion in Patients with Neurokinin B Signaling Deficiencies: Physiological, Pathophysiological and Therapeutic Implications. *Neuroendocrinology*. 2013; 97(2): 193-202. DOI: 10.1159/000336376. Epub 2012 Feb 24.

Respiratory and Meningeal Pathogens Research Unit

JOURNAL ARTICLE/S

1. Bottomley MJ, Serruto D, Sáfadi MAP, **Klugman KP**. Future challenges in the elimination of bacterial meningitis. *Vaccine*. 2012 May; 30(Suppl 2): B78-B86. DOI: 10.1016/j.vaccine.2011.12.099.
2. Crowther-Gibson P, Cohen C, **Klugman KP, de Gouveia L, von Gottberg A**; Group for Enteric, Respiratory, and Meningeal Disease Surveillance in South Africa (GERMS-SA). Risk factors for multidrug-resistant invasive pneumococcal disease in South Africa, a setting with high HIV prevalence, in the prevaccine era from 2003 to 2008. *Antimicrobial Agents and Chemotherapy*. 2012 Oct; 56 (10): 5088-95.
3. Dagnev AF, Cunningham MC, Dube Q, Edwards MS, French N, Heyderman RS, **Madhi SA**, Slobod K, Clemens SUA. Understanding variation in neonatal Group B Streptococcal disease incidence in developing countries. *Clinical infectious diseases*. 2012 Jul; 55 (1): 91-102. DOI: 10.1093/cid/cis395.
4. Dangor Z, **Izu A**, Hillier K, **Solomon F**, Beylis N, **Moore DP, Nunes MC, Madhi SA**. Impact of the Antiretroviral Treatment Program on the Burden of Hospitalization for Culture-Confirmed Tuberculosis in South African Children: A Time-Series Analysis. *Pediatric Infectious Disease Journal*. 2013 Mar 14. [Epub ahead of print]
5. **Du Plessis M, Moodley C, Mothibeli KM, Fali A, Klugman KP, Von Gottberg A**. Population snapshot of invasive serogroup B Meningococci in South Africa from 2005 to 2008. *Journal of Clinical Microbiology*. 2012 Aug; 50(8): 2577-84. DOI: 10.1128/JCM.00401-12.
6. Grabenstein JD, **Klugman KP**. A century of pneumococcal vaccination research in humans. *Clinical Microbiology and Infection*. 2012 Oct; 18(Suppl. 5): 15-24. DOI: 10.1111/j.1469-0691.2012.03943.x.
7. Graham SM, Ahmed T, Amanullah F, Browning R, Cardenas V, Casenghi M, Cuevas LE, Gale M, Gie RP, Grzemska M, Handelsman E, Hatherill M, Hesseling AC, Jean-Philippe P, Kampmann B, Kabra SK, Lienhardt C, Lighter-Fisher J, **Madhi SA**, Makhene M, Marais BJ, McNeeley DF, Menzies H, Mitchell C, Modi S, Mofenson L, Musoke P, Nachman S, Powell C, Rigaud M, Rouzier V, Starke JR, Swaminathan S, Wingfield C. Evaluation of TB diagnostics in children: Proposed clinical case definitions for classification of intra-thoracic tuberculosis disease. Consensus from an Expert Panel. *Journal of Infectious Diseases*. 2012 May; 205 (Suppl 2); S199-208. DOI: 10.1093/infdis/jis008.
8. Keddy KH, Sooka A, Crowther-Gibson P, Quan V, Meiring S, Cohen C, Nana T, Sriruttan C, Seetharam S, Hoosen A, Naicker P, Elliott E, Haffejee S, Whitelaw A, **Klugman KP**, for the Group for Enteric R, Africa MDSiS. Systemic Shigellosis in South Africa. *Clinical Infectious Diseases*. 2012 May 15; 54(10): 1448-54.
9. Levine OS, O'Brien KL, Deloria-Knoll M, Murdoch DR, Feikin DR, Deluca AN, Driscoll AJ, Baggett HC, Brooks WA, Howie SR, Kotloff KL, **Madhi SA**, Maloney SA, Sow S, Thea DM, Scott JA. The pneumonia etiology research for child health project: a 21st century childhood pneumonia etiology study. *Clinical Infectious Diseases*. 2012 Apr; 54(Suppl 2): S93-101. DOI: 10.1093/cid/cir1052.

10. **Madhi SA, Cohen C, von Gottberg A.** Introduction of pneumococcal conjugate vaccine into the public immunization program in South Africa: Translating research into policy. *Vaccine*. 2012 Sep 7; 30(Suppl 3): C21-7. DOI: 10.1016/j.vaccine.2012.05.055.
11. **Madhi SA, De Wals P, Grijalva CG, Grimwood K, Grossman R, Ishiwada N, Lee PI, Nascimento-Carvalho C, Nohynek H, O'Brien KL, Vergison A, Wolter J.** The Burden of Childhood Pneumonia in the Developed World: A Review of the Literature. *Pediatric Infectious Disease Journal*. 2012 Oct 24. [Epub ahead of print]
12. **Madhi SA, Dittmer S, Kuwanda L, Venter M, Cassim H, Lazarus E, Thomas T, Liberty A, Treurnich F, Cutland CL, Weinberg A, Violari A.** Efficacy and immunogenicity of influenza vaccine in HIV-infected children: a randomized, double-blind, placebo controlled trial. *AIDS*. 2013 Jan 28; 27(3): 369-79. DOI: 10.1097/QAD.0b013e32835ab5b2.
13. **Moodley C, du Plessis M, Ndlangisa K, de Gouveia L, Klugman KP, von Gottberg A;** Group for Enteric, Respiratory and Meningeal Disease Surveillance in South Africa. Clonal analysis of *Neisseria meningitidis* serogroup B strains in South Africa, 2002 to 2006: emergence of new clone ST-4240/6688. *Journal of Clinical Microbiology*. 2012 Nov; 50(11): 3678-86. DOI: 10.1128/JCM.01079-12. Epub 2012 Sep 12.
14. **Nunes MC, Madhi SA.** Review of a new fully liquid, hexavalent vaccine: Hexaxim. *Expert Opinion on Biological Therapy*. 2013 Apr; 13(4): 575-93. DOI: 10.1517/14712598.2013.774368. Epub 2013 Feb 27.
15. **Nunes MC, Shiri T, van Niekerk N, Cutland CL, Groome MJ, Koen A, von Gottberg A, de Gouveia L, Klugman KP, Adrian PV, Madhi SA.** Acquisition of *Streptococcus pneumoniae* in Pneumococcal Conjugate Vaccine-Naïve South African Children and Their Mothers. *Pediatric Infectious Disease Journal*. 2013 Jan 21. [Epub ahead of print]
16. Schrag SJ, Cutland CL, Zell ER, Kuwanda L, Buchmann EJ, Velaphi SC, Groome MJ, **Madhi SA.** Risk factors for Neonatal Sepsis and Perinatal death among infants enrolled in the prevention of Perinatal Sepsis Trial, Soweto, South Africa. *Pediatric Infectious Diseases Journal*. 2012 Aug; 31(8): 821-6. DOI: 10.1097/INF.0b013e31825c4b5a.
17. Sinha A, Kim S, Ginsberg G, Franklin H, Kohberger R, Strutton D, **Madhi SA, Griffiths UK, Klugman KP.** Economic burden of acute lower respiratory tract infection in South African children. *Paediatrics and International Child Health*. 2012 May; 32(2): 65-73. DOI: 10.1179/2046905512Y.0000000010.
18. Song J-H, Dagan R, **Klugman KP, Fritzell B.** The relationship between pneumococcal serotypes and antibiotic resistance. *Vaccine*. 2012 Apr 5; 30(17): 2728-37. DOI: 10.1016/j.vaccine.2012.01.091. Epub 2012 Feb 11.

Dissertation/s

19. **Magomani V.** Molecular serotyping of *Streptococcus pneumoniae* [Masters Dissertation]. [Johannesburg, South Africa]: University of the Witwatersrand; 2012.

20. **Von Gottberg A.** Studies on bacterial respiratory pathogens causing bacteraemia and meningitis in South Africa. [PHD dissertation]. [Johannesburg, South Africa]: University of the Witwatersrand; 2013.

Rural Public Health and Health Transition Research Unit

JOURNAL ARTICLE/S

1. Alkema L, Raftery AE, Gerland P, **Clark SJ**, Pelletier F. Estimating trends in the total fertility rate with uncertainty using imperfect data: Examples from West Africa. *Demographic Research*. 2012 Apr; 26: 331-62.
2. **Bertram M, Jaswal A**, Pillay van Wyk V, Levitt N, Hofman J. The non-fatal disease burden caused by Type 2 diabetes in South Africa, 2009. *Global Health Action*. 2013 Jan 24; 6: 19244. DOI: 10.3402/gha.v6i0.19244.
3. **Bertram M**, Steyn K, Wentzel-Viljoen E, **Tollman S, Hofman KJ**. Reducing the sodium content of high salt foods: effect on cardiovascular disease in South Africa. *South African Medical Journal*. 2012 Sept; 102(9): 743-754
4. **Byass P**, Chandramohan D, Clark SJ, D'Ambrusos L, Fottrell E, Graham WJ, Herbst AJ, Hodgson A, Hounton S, **Kahn K**, Krishan A, Leitao J, Odhiambo F, **Sankoh OA, Tollman S**. Strengthening standardized interpretation of verbal autopsy data: the new InterVA-4 tool. *Global Health Action*. 2012 Sept; 5: 1-8. DOI: 10.3402/gha.v5i0.19281.
5. **Clark SJ, Kahn K**, Houle B, Arteché A, **Collinson MA, Tollman SM, Stein A**. Young Children's Probability of Dying Before and After Their Mother's Death: A Rural South African Population-Based Surveillance Study. *PLoS Medicine*. 2013 Mar; 10(3): e1001409. DOI: 10.1371/journal.pmed.1001409. Epub 2013 Mar 26.
6. de Jager P, **Hofman KJ**, Khan T, Volmink H, Jina R. Issues in medicine recommendations to improve the National Development Plan for Health. *South African Medical Journal*. 2012 Nov; 102(11): 827-829. DOI: 10.7196/SAMJ.6160
7. **Gómez-Olivé FX, Angotti N**, Houle B, **Klipstein-Grobusch K, Kabudula C, Menken J, Williams J, Tollman S, Clark SJ**. Prevalence of HIV among those 15 and older in rural South Africa. *AIDS Care*. 2013 Jan 11. [Epub ahead of print]
8. **Gómez-Olivé FX, Thorogood M**, Clark B, **Kahn K, Tollman S**. Self-reported health and health care use in an ageing population in the Agincourt sub-district of rural South Africa. *Global Health Action*. 2013 Jan 24; 6: 19305. DOI: 10.3402/gha.v6i0.19305.
9. Hosegood V, **Madhavan S**. Understanding fatherhood and father involvement in South Africa: insights from surveys and population cohorts. *Fathering*. 2012 Fall; 10(3): 257-273.
10. **Kahn K, Collinson MA, Xavier Gómez-olivé F, Mokoena O, Twine R, Mee P, Afolabi SA, Clark BD, Kabudula CW, Khosa A, Khoza S, Shabangu MG, Silaule B, Tibane JB, Wagner RG, Garenne ML, Clark SJ, Tollman SM**. Profile: Agincourt health and socio-demographic surveillance system. *International Journal of Epidemiology*. 2012 Aug; 41(4): 988-1001.

11. **Kimani-Murage EW**, Manderson L, **Norris SA**, **Kahn K**. "It's my secret": barriers to paediatric HIV treatment in a poor rural South African setting. *AIDS Care*. 2012 Dec 18. [Epub ahead of print]. DOI: 10.1080/09540121.2012.748865.
12. **Kimani-Murage EW**. Exploring the paradox: double burden of malnutrition in rural South Africa. *Global Health Action*. 2013 Jan 24; 6: 19249. DOI: 10.3402/gha.v6i0.19249.
13. Leyk S, Maclaurin GJ, Hunter LM, Nawrotzki R, Twine W, **Collinson M**, Erasmus B. Spatially and temporally varying associations between temporary outmigration and natural resource availability in resource-dependent rural communities in South Africa: A modeling framework. *Applied Geography*. 2012 May; 34: 559-568.
14. Macphail C, Adato M, **Kahn K**, Selin A, **Twine R**, **Khoza S**, Rosenberg M, Nguyen N, Becker E, Pettifor A. Acceptability and Feasibility of Cash Transfers for HIV Prevention Among Adolescent South African Women. *AIDS and Behavior*. 2013 Feb 23. [Epub ahead of print]
15. **Madhavan S**, Roy K. Securing Fatherhood through Kin Work: A Comparison of Black Low-Income Fathers and Families in South Africa and the United States. *Journal of Family Issues*. 2012; 33(6): 801-22. DOI: 10.1177/0192513X11426699
16. **Madhavan S**, Schatz E, Clark S, **Collinson M**. Child mobility, maternal status, and household composition in rural South Africa. *Demography*. 2012 May; 49(2): 699-718. DOI: 10.1007/s13524-011-0087-3.
17. **Musenge E**, Vounatsou P, **Collinson M**, **Tollman S**, **Kahn K**. The contribution of spatial analysis to understanding HIV/TB mortality in children: a structural equation modelling approach. *Global Health Action*. 2013 Jan 24; 6: 19266. DOI: 10.3402/gha.v6i0.19266.
18. Ngugi AK, Bottomley C, Kleinschmidt I, **Wagner RG**, Kakooza-Mwesige A, Ae-Ngibise K, Owusu-Agyei S, Masanja H, Kamuyu G, Odhiambo R, Chengo E, Sander JW, Newton CR; SEEDS group. Prevalence of active convulsive epilepsy in sub-Saharan Africa and associated risk factors: cross-sectional and case-control studies. *Lancet Neurology*. 2013 Mar; 12(3): 253-63. DOI: 10.1016/S1474-4422(13)70003-6. Epub 2013 Jan 31.
19. Nilsson M, Evengård B, Sauerborn R, **Byass P**. Connecting the Global Climate Change and Public Health Agendas. *PLoS Medicine*. 2012 Jun; 9(6): e1001227. DOI: 10.1371/journal.pmed.1001227. Epub 2012 Jun 5.
20. Perez AM, Ayo-Yusuf OA, **Hofman K**, Kalideen S, Maker A, Mokonoto D, **Morojele N**, Naidoo P, Parry CD, Rendall-Mkosi K, Saloojee Y. Establishing a health promotion and development foundation in South Africa. *South African Medical Journal*. 2013 Jan 14; 103(3): 147-9. DOI: 10.7196/samj.6281.
21. Pretorius MA, Madhi SA, Cohen C, Naidoo D, **Groome M**, Moyes J, Buys A, Walaza S, Dawood H, Chhagan M, Haffjee S, Kahn K, Puren A, Venter M. Respiratory viral coinfections identified by a 10-plex real-time reverse-transcription polymerase chain reaction assay in patients hospitalized with severe acute respiratory illness--South Africa, 2009-2010. *Journal of Infectious Diseases*. 2012 Dec 15;206(Suppl 1): S159-65. DOI: 10.1093/infdis/jis538.

22. Sankoh O, **Byass P**. The INDEPTH Network: filling vital gaps in global epidemiology. *International Journal of Epidemiology*. 2012 Jun; 41(3): 579-88. DOI: 10.1093/ije/dys081.
23. **Sartorius B**. Modelling determinants, impact, and space-time risk of age-specific mortality in rural South Africa: integrating methods to enhance policy relevance. *Global Health Action*. 2013 Jan 24; 6: 19239. DOI: 10.3402/gha.v6i0.19239.
24. Sartorius K, Sartorius B, **Tollman S**, Schatz E, Kirsten J, **Collinson M**. Rural Poverty Dynamics and Refugee Communities in South Africa: A Spatial-Temporal Model. *Population, Space and Place*. 2013 Jan/Feb; 19(1): 103-123. DOI: 10.1002/psp.697. Epub 2011 Nov 2.
25. **Schatz E, Gómez-Olivé X**, Ralston M, **Menken J, Tollman S**. The impact of pensions on health and wellbeing in rural South Africa: Does gender matter? *Social Science and Medicine*. 2012 Nov; 75(10): 1864-73. DOI: 10.1016/j.socscimed.2012.07.004. Epub 2012 Jul 27.
26. **Schatz E, Williams J**. Measuring gender and reproductive health in Africa using demographic and health surveys: the need for mixed-methods research. *Culture, Health and Sexuality* 2012 Jul; 14(7): 811-26. DOI: 10.1080/13691058.2012.698309. Epub 2012 Jul 16.
27. Stranges S, Tigbe W, **Gómez-Olivé FX, Thorogood M**, Kandala N-B. Sleep problems: an emerging global epidemic? Findings from the INDEPTH-WHO-SAGE study among more than 40,000 older adults from 8 countries across Africa and Asia. *Sleep*. 2012 Aug 1; 35(8): 1173-81. DOI: 10.5665/sleep.2012.
28. Verguet S, **Jassat W, Bertram MY, Tollman SM**, Murray CJ, Jamison DT, **Hofman KJ**. Supplementary immunization activities (SIAs) in South Africa: comprehensive economic evaluation of an integrated child health delivery platform. *Global Health Action*. 2013 Mar 1; 6: 1-9. DOI: 10.3402/gha.v6i0.20056.
29. **Williams J, Ibisomi L**, Sartorius B, **Kahn K, Collinson M, Tollman S, Garenne M**. Convergence in fertility of South Africans and Mozambicans in rural South Africa, 1993-2009. *Global Health Action* 2013 Jan 24; 6: 19236. DOI: 10.3402/gha.v6i0.19236.

Safety & Peace Promotion Research Unit

BOOK/S

1. **Van Niekerk A, Suffla S, Seedat M** (eds). Crime, violence and injury in South Africa: 21st century solutions for child safety. Johannesburg: PsySSA Press. 2012.

BOOK CHAPTER/S

2. Lazarus S, Duran B, Caldwell L, **Bulbulia S**. Public health research and action: Reflections on challenges and possibilities of Community-Based Participatory Research. (Chapter 15). *In* Public health- Social and behavioural health. J. Maddock (Ed.). Intech. May 2012. ISBN: 978-953-51-0620-3.
3. **Ratele K**. "Ayashisa amateki": Converse All-Stars and the making of African masculinities. (Chapter 7). *In*: Was it something I wore? Dress, identity and materiality. Moletsane R, Mitchell C, Smith A (eds). Cape Town: HSRC Press. 2012. ISBN 978-07969-2362-2

4. **Ratele K.** Violence, Militarised Masculinity and Positive Peace (Chapter 6). Gender and peace building in Africa 6 in a series of occasional papers. Nairobi: Pambazuka Press. 2012.

JOURNAL ARTICLE/S

5. Clowes L, **Ratele K**, Shefer T. Who needs a father? South African men reflect on being fathered. *Journal of Gender Studies*. 2013 Jan 25. [Epub ahead of print] DOI:10.1080/09589236.2012.708823.
6. **Donson H, Van Niekerk A.** Unintentional drowning in urban South Africa: a retrospective investigation, 2001-2005. *International Journal of Injury Control and Safety Promotion*. 2012 May 18. [Epub ahead of print] DOI: 10.1080/17457300.2012.686041.
7. Eksteen R, Bulbulia A, **van Niekerk A.**, Ismail, G, Lekoba, R. Ukuphepha: A Multi-Level Community Engagement Model for the Promotion of Safety, Peace and Health. *Journal of Psychology in Africa*. 2012; 22(4): 501-510.
8. **Ismail G**, Koch E. Investigating the scalar equivalence of a monolingual test across two language groups. *Southern African Linguistics and Applied Language Studies*, 2012 Dec; 30(3): 345-358.
9. **Kotzé M**, Visser M, Makin J, Sikkema K, Forsyth B. Psychosocial Variables Associated with Coping of HIV-Positive Women Diagnosed During Pregnancy. *AIDS and Behavior*. 2012 Nov. 1-10. [Epub ahead of print] DOI: 10.1007/s10461-012-0379-7.
10. **Kotzé M**, Visser M, **Makin J**, Sikkema K, Forsyth B. The coping strategies used over a two-year period by HIV-positive women who had been diagnosed during pregnancy. *AIDS Care*. 2013 Feb 26. [Epub ahead of print]. DOI: 10.1080/09540121.2013.772277.
11. **Kramer S, Amos T, Lazarus S, Seedat M.** The Philosophical Assumptions, Utility and Challenges of Asset Mapping Approaches to Community Engagement. *Journal of Psychology in Africa*. 2012; 22(4): 540-546.
12. Kramer S, **Ratele K.** Young black men's risk to firearm homicide in night time Johannesburg, South Africa: A retrospective analysis based on the National Injury Mortality Surveillance System. *African Safety Promotion*. 2012; 10(1): 16 -28.
13. **Lazarus S, Taliep N**, Bulbulia S, Phillips S, **Seedat M.** Community-Based Participatory Research: An Illustrative Case of Community Engagement in a Low-Income Community. *Journal of Psychology in Africa*. 2012; 22(4): 511-518.
14. Mayosi BM, Lawn JE, **Van Niekerk A, Bradshaw D**, Abdool Karim SS, Coovadia HM; Lancet South Africa team. Health in South Africa: Changes and challenges since 2009. *Lancet*. 2012 Dec 8; 380(9858): 2029-43. DOI: 10.1016/S0140-6736(12)61814-5. Epub 2012 Nov 30.
15. Phiri L, **Hendricks N, Seedat M.** Community Centered Learning: A Pathway to Community Engagement. *Journal of Psychology in Africa*. 2012; 22(4): 581-586.

16. **Ratele K.** Masculinities without tradition. *Politikon: South African Journal of Political Studies*. 2013 Feb. 04 [Epub ahead of print] DOI:10.1080/02589346.2013.765680
17. **Ratele K.,** Shefer T, Clowes L. Talking South African fathers: a Critical examination of men's narratives of fatherhood and fatherlessness. 2013. *South African Journal of Psychology*. 42(4), 553-563.
18. **Seedat M,** McClure R, **Suffla S, van Niekerk A.** Developing the evidence-base for Safe Communities: a multi-level, partly randomised, controlled trial. *International Journal of Injury Control and Safety Promotion*. 2012; 19(3): 231-41. DOI: 10.1080/17457300.2012.705303. Epub 2012 Aug 9.
19. **Seedat M, Suffla S.** Community Engagement: Conceptualisation, Methods and illustrations. *Journal of Psychology in Africa* 2012; 22(4): 483-485.
20. **Seedat M.** Community Engagement as Liberal Performance, as Critical Intellectualism and as Praxis. *Journal of Psychology in Africa*. 2012; 22(4): 489-500.
21. **Suffla S,** Kaminer D, Bawa U. Photovoice as Community Engaged Research: The Interplay between Knowledge Creation and Agency in a South African Study on Safety Promotion. *Journal of Psychology in Africa*. 2012; 22(4): 519-528.
22. **Taliep N,** Florence M. Evaluating the construct validity of the KIDSCREEN-52 Quality of Life questionnaire within a South African context. *South African Journal of Psychology*. 2012; 42(2): 255-269.

TECHNICAL REPORT/S

22. **Safety and Peace Promotion Research Unit (SAPPRU).** A profile of fatal injuries in Gauteng 2010: Annual report for Gauteng based on the National Injury Mortality Surveillance System (NIMSS). *Technical Report*. Cape Town: South African Medical Research Council and University of South Africa; May 2012a.
23. **Safety and Peace Promotion Research Unit (SAPPRU).** A profile of fatal injuries in Mpumalanga 2010: Annual report for Mpumalanga based on the National Injury Mortality Surveillance System (NIMSS). *Technical Report*. Cape Town: South African Medical Research Council and University of South Africa; May 2012b.

South African Cochrane Centre

JOURNAL ARTICLE/S

1. **Abrams A, Kredt T.** Vaccine research, adolescents and Africa. *Human vaccines and immunotherapeutics*. 2013 Jan 1; 9(1): 108-11. DOI: 10.4161/hv.22143. Epub 2012 Oct 29.
2. Adeniyi FB, **Young T.** Weight loss interventions for chronic asthma. *Cochrane Database of Systematic Reviews*. 2012 Jul 11; 7: CD009339. Review. DOI: 10.1002/14651858.CD009339.pub2.
3. **Grobler L,** Siegfried N, Visser ME, Mahlangu SS, **Volmink J.** Nutritional interventions for

reducing morbidity and mortality in people with HIV. *Cochrane Database Systematic Reviews*. 2013 Feb 28; 2: CD004536. DOI: 10.1002/14651858.CD004536.pub3. Review.

4. M'Imunya JM, **Kredo T, Volmink J**. Patient education and counselling for promoting adherence to treatment for tuberculosis. *Cochrane Database of Systematic Reviews*. 2012 May 16; 5: CD006591. DOI: 10.1002/14651858.CD006591.pub2.
5. **Okwundu CI**, Afolabi BB. Intramuscular versus intravenous anti-D for preventing Rhesus alloimmunization during pregnancy. *Cochrane Database of Systematic Reviews*. 2013 Jan 31; 1: CD007885. DOI: 10.1002/14651858.CD007885.pub2.
6. Rohwer AC, Khondowe O, **Young T**. Antispasmodics for labour. *Cochrane Database of Systematic Reviews*. 2012 Aug 15; 8: CD009243. DOI: 10.1002/14651858.CD009243.pub2.
7. Schoonees A, Visser J, Musekiwa A, **Volmink J**. Pycnogenol(R) (extract of French maritime pine bark) for the treatment of chronic disorders((R)) for the treatment of chronic disorders. *Cochrane Database of Systematic Reviews*. 2012 Apr 18; 4: CD008294. DOI: 10.1002/14651858.CD008294.pub4. [Review]
8. Svensson E, van der Walt JS, Barnes KI, Cohen K, **Kredo T**, Huitema A, Nachega JB, Karlsson MO, Denti P. Integration of data from multiple sources for simultaneous modelling analysis: experience from nevirapine population pharmacokinetics. *British Journal of Clinical Pharmacology*. 2012 Sep; 74(3): 465-76. DOI: 10.1111/j.1365-2125.2012.04205.x.
9. Welch V, Petticrew M, Tugwell P, Moher D, O'Neill J, Waters E, White H; **PRISMA-Equity Bellagio group** . PRISMA-Equity 2012 extension: reporting guidelines for systematic reviews with a focus on health equity. *Plos Medicine*. 2012 Oct; 9(10): e1001333. DOI: 10.1371/journal.pmed.1001333. Epub 2012 Oct 30.
10. Wiysonge CS, Bradley HA, **Volmink J**, Mayosi BM, Mbewu A, Opie LH. Beta-blockers for hypertension. *Cochrane Database of Systematic Reviews* 2012 Nov 14; 11: CD002003. DOI:10.1002/14651858.CD002003.pub4. [Review]

Telemedicine

JOURNAL ARTICLE/S

1. Van Gemert-Pijnen JEW, **Wynchank S**, Covvey HD, Ossebaard HC. Improving the credibility of electronic health technologies. *Bulletin of the World Health Organization*. 2012 May 1; 90(5): 323-323A. DOI: 10.2471/BLT.11.099804.

Tuberculosis Epidemiology and Intervention Research Unit

JOURNAL ARTICLE/S

1. Dalton T, Cegielski P, Akksilp S, Asencios L, Caoili JC, Cho S-N, Erokhin VV, Ershova J, Gler MT, Kazenny BY, Kim HJ, Kliiman K, Kurbatova E, Kvasnovsky C, Leimane V, **van der Walt M**, Via LE, Volchenkov GV, Yagui MA, Kang H. Prevalence of and risk factors for resistance to second-line drugs in people with multidrug-resistant tuberculosis in eight countries: a prospective cohort study. *Lancet*. 2012 Oct; 380(9851): 1406-17. [Epub ahead of print 30 Aug 2012].

2. Dharmadhikari AS, **Mphahlele M**, Stoltz A, **Venter K**, **Mathebula R**, **Masotla T**, **Lubbe W**, Pagano M, First M, Jensen PA, **Van Der Walt M**, Nardell, EA Surgical face masks worn by patients with multidrug-resistant tuberculosis: Impact on infectivity of air on a hospital ward. *American Journal of Respiratory and Critical Care Medicine*. 2012 May; 185(10): 1104-9.
3. Louwagie G, Girdler-Brown B, Odendaal R, Rossouw T, Johnson S, **Van Der Walt M**. Missed opportunities for accessing HIV care among Tshwane tuberculosis patients under different models of care. *International Journal of Tuberculosis and Lung Disease*. 2012 Aug; 16(8): 1052-8. DOI: 10.5588/ijtld.11.0753.
4. **Mativandlela SP**, **Brand J**, **Matihola N**, **Sewpersadh M**, Olorunju SA, **van der Walt ML**. External quality assurance of drug susceptibility testing in the southern African development community. *International Journal of Tuberculosis and Lung Disease*. 2013 Mar; 17(3): 425. DOI: 10.5588/ijtld.12.0856.
5. **Mphahlele MT**, Tudor C, **van der Walt M**, Farley J. An infection control audit in 10 primary health-care facilities in the Western Cape Province of South Africa. *International Journal of Infection Control* 2012; 8(3): 1-5. DOI: 10.3396/ijic.v8i3.025.12
6. Ahuja SD, Ashkin D, Avendano M, Banerjee R, Bauer M, Bayona JN, Becerra MC, Benedetti A, Burgos M, Centis R, Chan ED, Chiang CY, Cox H, D'Ambrosio L, DeRiemer K, Dung NH, Enarson D, Falzon D, Flanagan K, Flood J, Garcia-Garcia ML, Gandhi N, Granich RM, Hollm-Delgado MG, Holtz TH, Iseman MD, Jarlsberg LG, Keshavjee S, Kim HR, Koh WJ, Lancaster J, Lange C, de Lange WC, Leimane V, Leung CC, Li J, Menzies D, Migliori GB, Mishustin SP, Mitnick CD, Narita M, O'Riordan P, Pai M, Palmero D, Park SK, Pasvol G, Peña J, Pérez-Guzmán C, Quelapio MI, Ponce-de-Leon A, Riekstina V, Robert J, Royce S, Schaaf HS, Seung KJ, Shah L, Shim TS, Shin SS, Shiraishi Y, Sifuentes-Osornio J, Sotgiu G, Strand MJ, Tabarsi P, Tupasi TE, van Altena R, **Van der Walt M**, Van der Werf TS, Vargas MH, Viiklepp P, Westenhouse J, Yew WW, Yim JJ; Collaborative Group for Meta-Analysis of Individual Patient Data in MDR-TB. Multidrug resistant pulmonary tuberculosis treatment regimens and patient outcomes: an individual patient data meta-analysis of 9,153 patients. *PLoS Medicine*. 2012 Aug; 9(8): e1001300. Epub 2012 Aug 28. DOI:10.1371/journal.pmed.1001300.

Dissertation/s

7. **Tudor, C**. Occupational Risk Factors for TB among Health Care Workers in Kwazulu-Natal, South Africa [PHD dissertation]. [Baltimore (MD)]: Johns Hopkins University; 2012.

Web & Media Technology

TECHNICAL REPORT/S

1. **Van Zyl H**, **Kotzé M**, **van Wyk E**, **Erasmus A**. MRC/NSTF Community Informatics Report 2010/11: Profiling NSTF-BHP Billiton Award winners to promote science, engineering, technology and innovation (SETI) to students at tertiary settings. *Technical Report*. Cape Town: South African Medical Research Council; July 2012.