

BIostatistics Unit: RESEARCH OUTPUTS 2008

1. PUBLICATIONS

1.1 INDEXED JOURNALS - INTERNATIONAL (FIRST AUTHOR)

1. **van der Merwe L**, Cloete R, Revera M, Heradien M, Goosen A, Corfield VA, Brink PA, Moolman-Smook JC. Genetic variation in angiotensin-converting enzyme 2 gene is associated with extent of left ventricular hypertrophy in hypertrophic cardiomyopathy. *Hum Genet.* 2008 Aug;124(1):57-61.

1.2 INDEXED JOURNALS - INTERNATIONAL (CO-AUTHOR)

1. Bernstein PL, Jacobson BF, Connor MD, **Becker PJ**. Aspirin resistance in South African Caucasian patients with thrombotic cerebrovascular events. *J Neurol Sci.* 2008 Nov 14. [Epub ahead of print].
2. Ahmadou Ahidjo B, Veale R, Dusé AG, **Becker P**, Marais E. The nucleoside reverse transcriptase inhibitors didanosine, lamivudine, stavudine and zidovudine show little effect on the virulence of *Candida albicans* in vitro. *Int J Antimicrob Agents.* 2008 Aug;32(2):186-91. Epub 2008 Jun 20.
3. Govender R, De Greef, Delpont R, **Becker PJ**, Vermaak WJH. Biological variation of ischaemia-modified albumin in healthy subjects. *Cardiovasc J Afr.* 2008 May-Jun;19(3):141-4.
4. van Deventer HE, George J, Paiker J, **Becker PJ**, Katz I. Estimating Glomerular Filtration Rate in Black South Africans Using the Modification of Diet in Renal Disease and Cockcroft-Gault Equations. *Clin Chem.* 2008 May 16. 54(7): 1197-1202. [Epub ahead of print]
5. Oosthuizen MA, Jinabhai CC, Terblanche AP, **Becker PJ**. A transition in health status from childhood to adulthood and associated lifestyle risk factors: a 13-year interval follow-up study in South Africa. *Int J Environ Health Res.* 2008 Feb;18(1):65-72.
6. Van Aswegen H, Eales CJ, Richards GA, Goosen J, **Becker P**, and Mudzi W. Effect of penetrating trunk trauma on the recovery of adult survivors: A pilot study. *Physio theory Prac J* 2008; 24(2): 95-104.
7. Roelofse MM, Steyn M, **Becker PJ**. Photo identification: facial metrical and morphological features in South African males. *Forensic Sci Int.* 2008 May 20;177(2-3):168-75.
8. Fanucchi G, Stewart A, Jordaan R, and **Becker P**. School-based specific exercise programme reduced the prevalence and intensity of low back pain in 12 – 13 year old children: a randomised controlled trial. *Australian J Physio* 2008; (Accepted).

9. Goddard A, Leisewitz AL, Christopher MM, Duncan NM, **Becker PJ**. Prognostic Usefulness of Blood Leukocyte Changes in Canine Parvoviral Enteritis. *J Vet Intern Med* 2008;22:309-316.
10. Shisana O, **Connolly C**, Rehle TM, Metar S and Dana P. HIV Risk Exposure Among South African Children in Public Health Facilities. *AIDS Care*. 2008 Aug;20(7):755-63.
11. Bhimma R, Adhikari M, Asharam K, **Connolly C**. The spectrum of chronic kidney disease (stages 2-5) in KwaZulu-Natal, South Africa. *Pediatr Nephrol*. 2008 Oct;23(10):1841-6.
12. Grey M, **Connolly CA**. "Coming together, keeping together, working together": interdisciplinary to transdisciplinary research and nursing. *Nurs Outlook*. 2008 May-Jun;56(3):102-7. Review.
13. Kilmarx PH, Blanchard K, Chaikummao S, Friedland BA, Srivirojana N, **Connolly C**, Witwatwongwana P, Supawitkul S, Mock PA, Chaowanachan T, Tappero J. A Randomized, Placebo-Controlled Trial to Assess the Safety and Acceptability of Use of Carraguard Vaginal Gel by Heterosexual Couples in Thailand. *Sex Transm Dis*. 2008 Mar; 35(3):226-232.
14. Bollen LJ, Blanchard K, Kilmarx PH, Chaikummao S, **Connolly C**, Wasinrapee P, Srivirojana N, Achalapong J, Tappero JW, McNicholl JM. No increase in cervicovaginal proinflammatory cytokines after Carraguard use in a placebo-controlled randomized clinical trial. *J Acquir Immune Defic Syndr*. 2008 Feb 1;47(2):253-7.
15. Charlton KE, Steyn K, Levitt NS, Peer N, Jonathan D, Gogela T, Rossouw K, **Gwebushe N, Lombard CJ**. A food-based dietary strategy lowers blood pressure in a low socio-economic setting: a randomised study in South Africa. *Public Health Nutr*. 2008 Dec;11(12):1397-406.
16. Plüddemann A, Parry CDH, Flisher AJ, **Jordaan E**. Heroin Users in Cape Town, South Africa: Injecting Practices, HIV-Related Risk Behaviors, and Other Health Consequences. *J Psychoactive Drugs*. 2008 Sep;40(3):273-9.
17. Niehaus DJ, Koen L, **Galal U**, Dhansay K, Oosthuizen PP, Emsley RA, **Jordaan E**. Crisis discharges and readmission risk in acute psychiatric male inpatients. *BMC Psychiatry*. 2008 Jun 17;8:44.
18. Hew-Butler TD, **Jordaan E**, Stuempfle KJ, Speedy DB, Siegel AJ, Noakes TD, Soldin SJ, Verbalis JG. Osmotic and Non-Osmotic Regulation of Arginine Vasopressin during Prolonged Endurance Exercise. *J Clin Endocrinol Metab*. 2008 Jun;93(6):2072-8. Epub 2008 Mar 18.

19. Swart L, van Niekerk A, Seedat M, **Jordaan E**. Paraprofessional home visitation program to prevent childhood unintentional injuries in low-income communities: a cluster randomized controlled trial. *Inj Prev*. 2008 Jun;14(3):164-9.
20. Noakes TD, Borresen J, Hew-Butler T, Lambert MI, **Jordaan E**. Semmelweis and the aetiology of puerperal sepsis 160 years on: an historical review. *Epidemiol Infect*. 2008 Jan;136(1):1-9. Epub 2007 Jun 7.
21. Seier JV, Mdhluli M, Collop T, Davids A, **Laubscher R**. Voluntary consumption of substances of unknown palatability by vervet monkeys: a refinement. *J Med Primatol*. 2008 Apr;37(2):88-92.
22. Faber M, **Laubscher R**. Seasonal availability and dietary intake of beta-carotene-rich vegetables and fruit of 2-year-old to 5-year-old children in a rural South African setting growing these crops at household level. *International Journal of Food Sciences and Nutrition* 2008 Feb; 59(1):46-60.
23. Ward CL, Flisher A, Mlisa LN, **Lombard C**. Bullying in rural South African schools. *Jnl of Psychology in Africa*. Vol 18, 2, 2008.
24. den Boon S, Verver S, **Lombard CJ**, Bateman ED, Irusen EM, Enarson DA, Borgdorff MW, Beyers N. Comparison of symptoms and treatment outcomes between actively and passively detected tuberculosis cases: the additional value of active case finding. *Epidemiol Infect*. 2008 Oct;136(10):1342-9.
25. Plüddemann A, Flisher AJ, Mathews C, Carney T, **Lombard C**. Adolescent methamphetamine use and sexual risk behaviour in secondary school students in Cape Town, South Africa. *Drug Alcohol Rev*. 2008 Nov;27(6):687-92.
26. Gilreath TD, King G, Graham JW, Flisher AJ, **Lombard C**. Associations between maternal closeness, suicidal ideation, and risk behaviors in Cape Town. *Eur Child Adolesc Psychiatry*. 2008 Sep 19. [Epub ahead of print]
27. Oxman A, **Lombard C**, Treweek S, Gagnie J, Maclure M, Zwarenstein M. Why we will remain pragmatists: four problems with the impractical mechanistic framework and a better solution. *Jnl of Clinical Epidemiology*. Accepted.
28. Chikobvu P, **Lombard CJ**, Flisher AJ, King G, Townsend L, Muller M. Bias in a binary risk behaviour model subject to inconsistent reports and dropout in a South African high school cohort study. *Stat Med*. 2008 Nov 14. [Epub ahead of print]
29. Mlisa LM, Ward CL, Flisher AJ, **Lombard CJ**. Bullying at Rural High Schools in the Eastern Cape Province, South Africa: Prevalence, and Risk and Protective Factors at School and in the Family. *Jnl of Psychology in Africa* 2008 18(2);261-268.

30. Oxman A, **Lombard C**, Treweek S, Gagnie J, Maclure M, Zwarenstein M. A pragmatic resolution. *Jnl of Clinical Epidemiology*. Accepted.
31. Fairall LR, Bachmann MO, Zwarenstein MF, **Lombard CJ**, Uebel K, van Vuuren C, Steyn D, Boule A, Bateman ED. Streamlining tasks and roles to expand treatment and care for HIV: randomised controlled trial protocol. *Trials*. 2008 Apr 23;9:21.
32. Flisher A, Townsend L, Chikobva P, King G, **Lombard CJ**. Dropout Substance Use and Psychosocial Predictors of High School Dropout in Cape Town, South Africa. *Journal of Research on Adolescence*. Accepted.
33. van Rooyen MK, **Lombard C**, Noakes TD. Playing Demands of Sevens Rugby during the 2005 Rugby World Cup Sevens Tournament. *International Journal of Performance Analysis in Sport, Volume 8, Number 2, July 2008, pp. 114-123*.
34. Mathews S, Abrahams N, Jewkes R, Martin LJ, **Lombard C**, Vetten L. Intimate femicide-suicide in South Africa: a cross-sectional study. *Bull World Health Organ*. 2008 Jul;86(7):542-58.
35. Wegner L, Flisher AJ, Chikobvu P, **Lombard C**, King G. Leisure boredom and high school dropout in Cape Town, South Africa. *Jnl of Adolescence*. Vol. 31(3), 421-431.
36. Dyer RA, Piercy JL, Reed AR, **Lombard CJ**, Schoeman LK, James MF. Hemodynamic changes associated with spinal anesthesia for cesarean delivery in severe preeclampsia. *Anesthesiology*. 2008 May;108(5):802-11.
37. Mathews S, Martin LJ, **Lombard C**, Vetten L. Injury Patterns of Female Homicide Victims in South Africa. *Jnl of Trauma*. 2008.
38. Botha E, den Boon S, Lawrence K, Reuter H, Verver S, **Lombard CJ**, Dye C, Enarson DA, Beyers N. From suspect to patient: tuberculosis diagnosis and treatment initiation in health facilities in South Africa. *Int J Tuberc Lung Dis*. 2008 Aug;12(8):936-41.
39. Van Stuijvenberg ME, Smuts CM, **Lombard CJ**, Dhansay MA. Fortifying Brown Bread with Sodium Iron EDTA, Ferrous Fumarate, or Electrolytic Iron Does Not Affect Iron Status in South African Schoolchildren. *J. Nutr.* 2008 Apr;138(4):782-6,2008.
40. Abrahams N, Martin LJ, Vetten L, **Lombard C**. The epidemiology and the pathology of suspected rape homicide in South Africa. *Forensic Sci Int*. 2008 Jul 4;178(2-3):132-8.

41. Fairley L, Forman D, West R, **Manda S**. Spatial variation in prostate cancer survival in the Northern and Yorkshire region of England using Bayesian relative survival smoothing. *Br J Cancer*. 2008 Dec 2;99(11):1786-93. Epub 2008 Nov 4.
42. Downing A, Forman D, Gilthorpe MS, Edwards KL, **Manda SO**. Joint disease mapping using six cancers in the Yorkshire region of England. *International Journal of Health Geographics Int J Health Geogr*. 2008 Jul 28;7:41.
43. Ranjith N, Pegoraro RJ, Naidoo DP, **Shanmugam R**, Rom L. Genetic Variants Associated with Insulin Resistance and Metabolic Syndrome in Young Asian Indians with Myocardial Infarction. *Metab Syndr Relat Disord*. 2008 Fall;6(3):209-14.
44. Marnewick JL, van der Westhuizen FH, Joubert E, **Swanevelder S**, Swart P, Gelderblom WC. Chemoprotective properties of rooibos (*Aspalathus linearis*), honeybush (*Cyclopia intermedia*) herbal and green and black (*Camellia sinensis*) teas against cancer promotion induced by fumonisin B(1) in rat liver. *Food Chem Toxicol*. 2008 Nov 7. [Epub ahead of print]
45. Springer P, **Swanevelder S**, van Toorn R, van Rensburg AJ, Schoeman J. Cerebral infarction and neurodevelopmental outcome in childhood tuberculous meningitis. *Eur J Paediatr Neurol*. 2008 Aug 29. [Epub ahead of print]
46. Snijman W, **Swanevelder S**, Joubert E, Green IR, Gelderblom WCA. The antimutagenic activity of the major flavonoids of rooibos (*Aspalathus linearis*) – some dose-response effects on mutagen activation-flavonoid interactions. *Mutat Res*. 2007 Jul 28;631(2):111-23.
47. Gelderblom WC, Marasas WF, Lebepe-Mazur S, **Swanevelder S**, Abel S. Cancer initiating properties of fumonisin B(1) in a short-term rat liver carcinogenesis assay. *Toxicology*. 2008 Sep 4;250(2-3):89-95.
48. Vivier J, Bardiën S, **van der Merwe L**, Brusnicky J, Zaharie D, Keyser R, Hewlett R, De Jong G, Hartzenberg B. A study of meningiomas in South Africa: Investigating a correlation between clinical presentation, histopathology and genetic markers. *British Journal of Neurosurgery*. Accepted.
49. Savitz J, **van der Merwe L**, Stein DJ, Solms M, Ramesar R. Neuropsychological Status of Bipolar Disorder Type I: The Impact of Psychosis. *British Journal of Psychiatry*. Accepted.

50. Collins M, Mokone GG, September AV, **van der Merwe L** and Schwellnus MP. The COL5A1 genotype is associated with range of motion measurements. *Scandinavian Journal of Medicine and Science in Sports*. *Accepted*.
51. Bardien S, Human H, Harris T, Hefke G, Veikondis R, Schaaf HS, **van der Merwe L**, Greinwald JH, Fagan J & De Jong G. A rapid method for detection of five known mutations associated with aminoglycoside-induced deafness. *BMC Medical Genetics*. *Accepted*.
52. Carstens N, **Van der Merwe L**, Revera M, Heradien M, Goosen A, Brink P, Moolman-Smook JC. Variants in renin and renin-binding protein genes modify cardiac hypertrophy in hypertrophic cardiomyopathy patients, independent of blood pressure. *Cardiovasc J Afr*. 2008 Sep-Oct;19(5 Suppl):S7-8.
53. Bloem LM, **Van der Merwe L**, Revera M, Herandien M, Goosen A, Brink PA, Moolman-Smook JC. Sarcomeric modifiers of hypertrophy in hypertrophic cardiomyopathy. *Cardiovasc J Afr*. 2008 Sep-Oct;19(5 Suppl):S4.
54. Raleigh SM, **Van der Merwe L**, Ribbans WJ, Smith RK, Schwellnus MP, Collins M. Variants within the MMP3 gene are associated with Achilles tendinopathy: Possible interaction with the COL5A1 gene. *Br J Sports Med*. 2008 Nov 28; [Epub ahead of print].
55. Fernandez P, de Beer P, **van der Merwe L**, Heyns C. COX-2 promoter polymorphisms and the association with prostate cancer risk in South African men. *Carcinogenesis*. 2008 Oct 28; [Epub ahead of print].
56. Siegfried N, Clarke M, Volmink J, **Van der Merwe L**. African HIV/AIDS Trials Are More Likely to Report Adequate Allocation Concealment and Random Generation than North American Trials. *PLoS ONE*. 2008;3(10):e3491. *Epub 2008 Oct 22*.
57. Savitz J, **van der Merwe L**, Ramesar R. Personality endophenotypes for bipolar affective disorder: a family-based genetic association analysis. *Genes Brain Behav*. 2008 Sep 24; [Epub ahead of print]
58. Lubbe S, Tikly M, **van der Merwe L**, Hodkinson B, Ramsay M. Les polymorphismes génétiques du gène de l'antagoniste du récepteur de l'IL-1 sont associés à la sévérité de la maladie chez les noirs d'Afrique du Sud atteints de polyarthrite rhumatoïde. *Revue du Rhumatisme* 2008; 75(7): 602-606.
59. Hemmings SM, Kinnear CJ, **van der Merwe L**, Lochner C, Corfield VA, Moolman-Smook JC, Stein DJ. Investigating the role of the brain-derived neurotrophic factor (BDNF) val66met variant in obsessive-compulsive disorder (OCD). *World J Biol Psychiatry*. 2008;9(2):126-34.

60. Ziskind A, Bardien S, **van der Merwe L**, Webster AR. The Frequency of the H402 Allele of CFH and its Involvement with Age-Related Maculopathy in an Aged Black African Xhosa Population. *Ophthalmic Genet.* 2008 Sep;29(3):117-9.
61. Savitz J, **van der Merwe L**, Ramesar R. Dysthymic and anxiety-related personality traits in bipolar spectrum illness. *J Affect Disord.* 2008 Aug;109(3):305-11. Epub 2008 Jan 14.
62. Savitz J, **van der Merwe L**, Ramesar R. Hypomanic, Cyclothymic and Hostile Personality Traits in Bipolar Spectrum Illness: A Family Based Study. *J Psychiatr Res.* 2008 Sep;42(11):920-9. Epub 2007 Dec 21.
63. Lubbe S, Tikly M, **van der Merwe L**, Hodkinson B, Ramsay M. Interleukin-1 receptor antagonist gene polymorphisms are associated with disease severity in Black South Africans with rheumatoid arthritis. *Joint Bone Spine.* 2008 May 9 [Epub ahead of print].
64. Savitz JB, **van der Merwe L**, Stein DJ, Solms M, Ramesar RS. Neuropsychological task performance in bipolar spectrum illness: genetics, alcohol abuse, medication and childhood trauma. *Bipolar Disord.* 2008 Jun;10(4):479-94.
65. September AV, Cook J, Handley CJ, **van der Merwe L**, Schwellnus MP, Collins M. Variants within the COL5A1 gene are associated with achilles tendinopathy in two populations. *Br J Sports Med.* 2008 Apr 28.
66. Revera M, **van der Merwe L**, Heradien M, Goosen A, Corfield VA, Brink PA, Moolman-Smook JC. Troponin T and beta-myosin mutations have distinct cardiac functional effects in hypertrophic cardiomyopathy patients without hypertrophy. *Cardiovasc Res.* 2008 Mar 1;77(4):687-94.
67. Savitz JB, **van der Merwe L**, Newman TK, Solms M, Stein DJ, Ramesar RS. The relationship between childhood abuse and dissociation. Is it influenced by catechol-O-methyltransferase (COMT) activity? *Int J Neuropsychopharmacol.* 2008 Mar; 11(2):149-61.
68. September AV, Posthumus M, **van der Merwe L**, Schwellnus M, Noakes TD, Collins M. The COL12A1 and COL14A1 Genes and Achilles Tendon Injuries. *Int J Sports Med.* 2008; 29:257-263.
69. Langerak NG, Lamberts RP, Fieggen AG, Peter JC, **van der Merwe L**, Peacock WJ, Vaughan CL. A prospective gait analysis study in patients with diplegic cerebral palsy 20 years after selective dorsal rhizotomy. *J Neurosurg Pediatrics.* 2008 Mar; 1(3):180-6.
70. Sharhidd Taliep M, St Clair Gibson A, Gray J, **van der Merwe L**, Vaughan CL, Noakes TD, Kellaway LA, John LR. Event-related potentials, reaction time, and response selection of skilled and less-skilled cricket batsmen. *Perception.* 2008; 37(1):96-105.

1.3 INDEXED JOURNALS - NATIONAL (FIRST AUTHOR)

1. **Connolly C**, Simbayi L, **Shanmugam R** and Nqeketo A. Male Circumcision and its relationship to HIV infection in South Africa: Results from a National Survey, 2002. *SAMJ*. 98(10):789-794.

1.4 INDEXED JOURNALS - NATIONAL (CO-AUTHOR)

1. Govender R, de Greef J, Delpont R, **Becker PJ**, Vermaak WJH. Biological variation of ischemia modified albumin in healthy subjects. *Cardiovasc J S Afr* 2008; 19(3): 141-144.
2. De Beer N, Stewart A, **Becker P**. Validation of the Tswana versions of the Roalnd-Morris disability questionnaire, Quebec Disability Scale and Waddell Disability Index. *SAJP* 2008; 64(3): 23-30.
3. Smith P, Smith FJ, **Becker PJ**. Haemodynamic response to laryngoscopy with and without tracheal intubation. *SAJAA* 2008; 14(3): 23-26.
4. Schie NA, Stewart A, **Becker P**, Rogers GG. Effect of music on submaximal cycling. *SA Jnl of Sports Science*, 20(1):28-31.
5. Ntlhe LM, Nchabeleng M, **Becker P**. Decolonisation of distal colostomy limb at the time of colostomy: contributes to wound healing. *SASJ*, Vol 46, No.4, Nov 2008. *Abstract*.
6. Patel VB, Burger I, **Connolly C**. Temporal evolution of cerebrospinal fluid following initiation of treatment for tuberculous meningitis. *S Afr Med J*. 2008 Aug;98(8):610-3.
7. Otwombe KN, Kirton A, **Galal U**. Intention-to-Treat Analysis in the SA E-Publications. *South African Family Practice*. *Accepted*.
8. Steyn K, Levitt NS, Patel M, Fourie J, **Gwebushe N**, **Lombard C**, Everett K. Hypertension and diabetes: poor care for patients at community health centres. *S Afr Med J*. 2008 Aug;98(8):618-22.
9. Smuts CM, Faber M, Schoeman SE, **Laubscher JA**, Oelofse A, Benade AJS, Dhansay MA. Socio-demographic profiles and anthropometric status of 0- to 71- month-old children and their caregivers in rural districts of the Eastern Cape and KwaZulu-Natal provinces of South Africa. *S Afr J Clin Nutr*. 2008;21(3).
10. Steyn K, Bradshaw D, Norman R, **Laubscher R**. Determinants and treatment of hypertension in South Africans: the first Demographic and Health Survey. *S Afr Med J*. 2008 May;98(5):376-80.
11. Mamabolo MV, Stewart AS, Mbambo NP, **Olorunju S**. The influence of demographic, environmental and physical factors on functional independence post stroke. *SAJP* 2008; 64(3): 19-22.

12. Mamabolo MV, Mudzi W, Stewart AS, **Olorunju S**, Singh A. A study to determine post discharge functional improvements in patients with stroke. *SA Journal of Occupational Therapy* January 2009. Accepted.

1.5 NON-INDEXED PUBLICATIONS

Editorial Views

Is It More Informative to Focus on Cardiac Output than Blood Pressure during Spinal Anesthesia for Cesarean Delivery in Women with Severe Preeclampsia? *Anesthesiology*, V108, No 5, May 2008;108:771-2.

Pressure Wave Analysis Is Useful to Understand the Pathophysiology of Preeclampsia, but Perhaps Not the Rapid Changes during Cesarean Delivery. *Anesthesiology*, V108, No 5, May 2008; 108:773-4.

Steve Olorunju

Mostert K *et al.* High level of Self–efficacy in Patients with Type 2 Diabetes attending a Tertiary level clinic. *SAJPhysiotherapy* 2008; 64(3):.

Several Students projects – Occupational therapy, Honors and Masters students

1.6 PUBLICATIONS – ACKNOWLEDGEMENTS

Several Student projects – Occupational therapy, Honors and Masters students. **Steve Olorunju.**

High level of Self –efficacy in Patients with Type 2 Diabetes attending a Tertiary level clinic- Mostert K *et al.*- *SA Journal of Physiotherapy* vol 64 (3) Nov 2008.

2. CONGRESS PAPERS

2.1 INVITED PLENARY PRESENTATIONS – INTERNATIONAL

2.2 INTERNATIONAL PAPER AND POSTER PRESENTATIONS

American Thoracic Society International Conference, Toronto, Canada, 16 – 21 May 2008. Tuberculosis and Cannabis as Risk Factors for Respiratory Symptoms. A Jithoo, ED Bateman, N Beyers, **CJ Lombard**, I Irusen, S Chinn, PGJ Burney, Borgdorff and DA Enarson. Poster presentation.

9th World Conference on Injury Prevention and Safety Promotion, 15th-18th March 2008. Merida, Yucatan, Mexico. Changing drinking behaviour through screening and brief interventions: A randomised control trial. S. Marais, **E. Jordaan**, J. De waal, C. Poole, DV Viljoen, L Olivier. Poster presentation.

International Society for Violence and Injury Prevention Conference on "Children and Injuries", Cape Town, 31 Aug – 3 Sept. "The effect of a BRIEF alcohol intervention in a cohort of pregnant women; A Structural Equations Modelling (SEM) approach to accommodate the errors in the responses to the interview version of the Alcohol Use Disorders Identification Test (AUDIT)", to our Conference on "Children and Injuries". **Esme Jordaan.** Oral presentation.

International Society for Violence and Injury Prevention Conference on "Children and Injuries", Cape Town, 31 Aug – 3 Sept. Alcohol intervention in pregnant women. **Jordaan E.** Oral presentation.

International Society for Violence and Injury Prevention Conference on "Children and Injuries", Cape Town, 31 Aug – 3 Sept. Preventing FAS: Effects of screening and brief interventions on the drinking behaviour of pregnant women – A cluster RCT. Marais S, **Jordaan E.**

9th World Conference on Injury Prevention & Safety Promotion, March 2008. Ursula Lau, **Esme Jordaan**, Lu-Anne Swart, Anesh Sukhai, Mohamed Seedat, Eunice Jetha, Delmira Petersburgo. The Relationship between Homicide and Road Traffic Fatalities. Poster Presentation.

9th World Conference on Injury Prevention & Safety Promotion, March 2008. S Marais, **E Jordaan**, J De Waal, C Poole, DV Viljoen, L Olivier. Changing drinking behaviour through screening and brief interventions. Poster Presentation.

22nd Biennial congress of the Nutrition Society of South African and the 10th Biennial Congress of the Association for Dietetics in South Africa. University of Pretoria, 28 September – 2 October 2008. E Kunneke. **R Laubscher.** Nutrition Congress 2008: Congress theme: Evidence Based Nutrition: Leading the way in innovation. Oral presentation.

XXIVth International Biometric Conference, University College, Dublin, Ireland. 13 – 18 July 2008. Debbie Bradshaw, David Bourne, Rob Dorrington, **Ria Laubscher.** *Poster presentation.* Rapid Surveillance of AIDS mortality in South Africa: The latest...

XXIVth International Biometric Conference, University College, Dublin, Ireland. 13 – 18 July 2008. **Rebecca Shanmugam.** *Oral presentation.* Cure (Split Population) Models in Parametric Survival Analysis.

30th Annual Meeting of American Society for Bone and Mineral Research American Society for Bone and Mineral Research. Montreal, Canada. Poster. 2008. Site-specific differences in bone mass between SA children of different ethnic groups. Micklesfield LK, Norris SA, Nelson DA, Lambert EV, **van der Merwe L**, Pettifor JM. Poster.

2.3 INVITED PLENARY PRESENTATIONS - NATIONAL

South African Clinical Research Association, 2nd ANNUAL CLINICAL CONFERENCE, Sept 2008. Dr Piet Becker.

National Science Week, Bergville, KwaZulu-Natal. **Nomonde Gwebushe.**

Roundtable discussion on progress in the Western Cape Province in addressing HIV treatment needs: What does our data tell us? Provincial Government of the Western Cape in conjunction with University of the Western Cape. 15 April 2008. **Ria Laubscher.** Trends in death registration in the province and possible association with ART scale-up.

South African Clinical Research Association 2nd Annual Clinical Conference, Sept 2008

2.4 NATIONAL PAPER AND POSTER PRESENTATIONS

MMP-2, Tumour-Associated Tissue Eosinophils, Invasion Pattern And Juxtatumoral Desmoplastic Stromal Reaction In Squamous Carcinoma Of The Uterine Cervix In Relation To Hiv/Aids

¹Ahmed Kalebi, ²Martin Hale, William Edridge, ³ **Piet Becker**

1 Division of Anatomical Pathology, School of Pathology, National Health Laboratory Service and University of the Witwatersrand

2 Department of Obstetrics and Gynaecology, Chris Hani Baragwanath Hospital and University of the Witwatersrand

3 Biostatistics Section, Medical Research Council, Pretoria, South Africa

36th Congree of the Physiological Society of Southern Africa 16 – 19 September 2008 – Pretoria

Negrao BL, Crafford D, van der Westhuizen D, Ker J, **Becker PJ** and Viljoen M. The effect of stimulants on cardiac function of children with attention – Deficit/Hyperactivity Disorder.

Negrao BL, Bipath P, van der Westhuizen D, Steyn NH, **Becker PJ** and Viljoen M. Heart rate variability, electrodermal responses, theta/beta ratios and theta/smr ratios in children with attention-deficit/hyperactivity disorder at rest and during focused attention.

University Of Pretoria – Faculty Day Health Sciences, 20th August 2008. MC Bosman, G Tossel, E Pretorius, **PJ Becker**, and JM Boon. Dimensions of the cervical spinal canal in the South African negroid population. Oral Presentation.

University Of Pretoria – Faculty Day Health Sciences, 20th August 2008. M Kwofie-Mensah, R Masekela, O Kitchin, T Moodley, **P Becker**, and RJ Green. Quality of life assessment in wheezy infants before and after using montelukast (singulair). Oral Presentation.

University Of Pretoria – Faculty Day Health Sciences, 20th August 2008. J Potgieter, N Briers, MC Bosman, and **PJ Becker**. Brain infarcts: A MRI study. Oral Presentation.

University of Pretoria – Faculty Day Health Sciences, 20th August 2008. A. C. Oettlé, **PJ Becker**, E. de Villiers, and M. Steyn. The influence of age, sex, population group and dentition on the mandibular angle as measured on a South African sample. Oral Presentation.

Medical Research Council, South Africa, HIV Symposium, 28 March 2008, Cape Town, Sero-prevalence and KAPB Surveys. **Connolly C**. Poster presentation.

Symposium on the prevention of FASD. 9&10th September 2008, MRC Conference Centre, Tygerberg Western Cape. Preventing FAS: effects of screening and brief interventions on the drinking behaviour of pregnant women – a cluster RCT. Marais S, **Jordaan E**. Oral presentation.

Symposium on the prevention of FASD. 9&10th September 2008, MRC Conference Centre, Tygerberg Western Cape. Confirmed and unconfirmed drinking in pregnant women: does this affect the intervention outcome in the Ceres FAS study? **Jordaan E**. Oral presentation.

Symposium on the prevention of FASD. 9&10th September 2008, MRC Conference Centre, Tygerberg Western Cape. Proposals to change drinking behaviour in pregnant women: findings from a Ceres FAS study. Marais S, **Jordaan E**, J. De Waal, C Poole, D. Viljoen, L. Olivier. Oral presentation.

Symposium on the prevention of FASD. 9&10th September 2008, MRC Conference Centre, Tygerberg Western Cape. Changing drinking behaviour through screening and brief interventions to prevent fetal alcohol syndrome – a cluster randomised trial. S. Marais, **E. Jordaan**, J. De Waal, C Poole, D. Viljoen, L. Olivier.

4th Public Health Association of South African Conference 2008. 2-4 June 2008, Cape Town. The stepped wedge design as an alternative to the parallel RCT. **E Jordaan**. Oral presentation.

4th Public Health Association of South African Conference 2008. 2-4 June 2008, Cape Town. Community Health Workers as Home Visitors: Evidence of effectiveness of a home visitation programme to reduce household hazards to child injuries. WA Odendaal, A van Niekerk, **E Jordaan**, M Seedat, J Kallis, P de Villiers. Oral presentation.

52nd Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, 13 – 14 August 2008, Tygerberg Campus. Correlation of non-verbal communication skills with Academic performance in the late rotation psychiatry module. Gunter R, Niehaus DJH, Koen L, **Jordaan E**. Poster presentation.

South African Statistical Association 51st Annual Conference, 27- 31 October, 2008, University of Pretoria: **G Kabera**, P Ndlovu and LM Haines: D-optimal designs for the main effects two-variable binary logistic model.

Medical Research Council, South Africa, HIV Symposium, 28 March 2008, Cape Town. Rapid Surveillance of AIDS mortality in South Africa: The latest; **Laubscher R**, Bradshaw D , Bourne D, Dorrington R . Oral presentation.

52nd Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, 13 – 14 August 2008, Tygerberg Campus. The influence of unilateral varicocele on spermatogenesis as seen in bilateral testicular biopsies. Menkveld R, **Lombard CJ**. Poster presentation.

Manda SOM, Feltbower RG, McKinney PA, M S Gilthorpe MA. Investigating spatial similarities in the epidemiology of childhood leukaemia and diabetes in Yorkshire, UK, using a shared temporal component model. 51st Annual Conference of the South African Statistical Association, Pretoria, 27– 31 October 2008.

Motsima T and Manda SOM. An analysis of co-occurrence of childhood diseases in South Africa. 1st African Conference of Young Statistician, 1-3 July 2008.

PHASA 2008, Cape Town, 2-4 June 2008. Predictors of risk of alcohol-exposed pregnancies among urban and rural women in South Africa. Neo K. Morojele, Kistie Rendal –Mkosi, Leslie London, John Matjila & **Steve Olorunju**. Oral presentation.

PHASA 2008, Cape Town, 2-4 June 2008. Discharge and Post-Discharge Functional level of patients with stroke. Veronica Mamabolo; W Mudzi, A. Stewart, **S. Olorunju** & A. Singh. Oral presentation.

NOF Congress. Cape Town. 12-15 April. *Site-specific differences in bone mass between SA children of different ethnic groups*. Micklesfield LK, Norris SA, Nelson DA, Lambert EV, **van der Merwe L**, Pettifor JM.

43rd SEMDSA Conference, Cape Town. 12 – 15 April 2008. THE *TNFA* -308 G/A Gene Variants Modulation Of The Relationship Between Dietary Fat Intake And Obesity Risk In Black South African Women. Yael Joffe, Madelaine Carstens, Malcolm Collins, Courtney Jennings, **Lize van der Merwe**, Naomi S. Levitt, Estelle V. Lambert, Julia H. Goedecke.

52nd Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, 13 – 14 August 2008, Tygerberg Campus. COX-2 promoter polymorphisms and the association with prostate cancer risk in South African coloured men. Fernandez P, De Beer PM, **van der Merwe L**, Heyns CF. Oral presentation.

52nd Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, 13 – 14 August 2008, Tygerberg Campus. Consolidation Of Tuberculosis Candidate Gene Studies In A South African Population. Truter E, **van der Merwe L**, Van Helden PD, Hoal EG. Poster presentation.

52nd Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, 13 – 14 August 2008, Tygerberg Campus. Retention of patients on failing antiretroviral regimens: an observational study of the resistance of the cost using statistical models. Van Zyl GU, Claassen M, **van der Merwe E**, Zeier M, Prozesky H, Cotton MF, Preiser W. Oral presentation.

52nd Academic Year Day, Faculty of Health Sciences, University of Stellenbosch, 13 – 14 August 2008, Tygerberg Campus. A Study Of Meningiomas in South Africa: Investigating a Correlation Between Clinical Presentation, Histopathology And Genetic Markers. Vivier JP, Barden S, Hartzenberg B, Hewlett R, de Jong G, Brusnicky J, Zaharie D, **van der Merwe L**, Keyser R. Oral presentation.

MRC Research Day. Variants in renin and renin-binding protein genes modify cardiac hypertrophy in hypertrophic cardiomyopathy patients, independent of blood pressure. N Carstens, **L Van der Merwe**, M Revera, M Heradien, A Goosen, P Brink, JC Moolman-Smook. Oral.

MRC Research Day. Community Health utilization survey of diarrhoeal diseases in Madibeng District, South Africa. L Seheri, H Sommerfelt, T Molebatsi, **L van der Merwe**, J Tumbo, P Bos, J Dewar, A Steele. Oral.

3. LAY PUBLICATIONS

3.1 LAY PUBLICATIONS (written documents of programmes for non-scientific audiences, includes press, radio, TV)

COHSASA Newsletter - Adverse events programme takes shape in the Free State.

4. BOOKS

4.1 AUTHOR

4.2 EDITOR

4.3 CHAPTER

5. RESEARCH PROPOSALS/PROTOCOLS (approved for submission by Protocol Committee or Programme Leader)

5.1 SUCCESSFUL

Project is sponsored by CDC – study is for three years 2006-2008.

Dr Steve Olorunju serves as the consulting biostatistician on the team in the Comprehensive FAS Prevention programme in the Western Cape and Gauteng provinces. His duties include determination of sample sizes at the two sites, selection of the households/farms and analysis of the data from the surveys.

5.2 OUTCOME PENDING

Cathy Connolly

CADRE - HIV prevalence survey in Tertiary Institutions. European Union project.

Lombard CJ

Statistical advisor to SA-Promise partners

PROMISE-PEP: A phase III randomised double blind placebo-controlled trial of efficacy and safety of infant peri-exposure prophylaxis with lamivudine to prevent HIV-1 transmission by breastfeeding. A study by the PROMISE RESEARCH CONSORTIUM

Sponsor: Agence National de Recherche sur le SIDA (ANRS), Paris, France
Funding sources: ANRS, Paris, France, EDCTP. (Partially funded)

Lombard CJ

Lead Applicant: Max Oscar Bachmann

Application Title: Streamlining Tasks and Roles to Expand Treatment and Care for HIV Department or Division: Research and Business Services

Administering Authority: University of East Anglia Application Type: Trials

Grant (New Application) Outline (Y/N): N Proposed start date: 01 September 2008

Manda SOM, Kandala N-B. Bayesian Survival Regression Analysis using the South African Demographic and Health Survey (SADHS) Programme Datasets. National Research Foundation.

Lize van der Merwe

NIH Grant proposal –

Generating new knowledge to improve the management of HIV and TB in children with a particular focus on central nervous system involvement. PI: Prof Ben Marais. Submitted to NIH.

6. RESEARCH TECHNICAL REPORTS/MANUALS

HIV Prevalence in the Western Cape – Results of the 2006 HIV Antenatal Provincial and Area Surveys.

Project member: Dr Carl Lombard et al

Reviewed by: Dr Carl Lombard et al

Technical reports

Odendaal, W., Van Niekerk, A., Seedat, M., **Jordaan, E.**, Kallis, J. & De Villiers, P. (2007). *Social Capital Child Survival Project*, Unpublished.

Available: <http://www.mrc.ac.za/crime/social.htm>

Availability of, access to, and consumption of Fruits and Vegetables in rural households in KwaZulu-Natal. Mieke Faber and **Ria Laubscher**.

Policy Brief

Fetal Alcohol Spectrum Disorders in Cape Town, South Africa: A huge challenge requiring multi-faceted prevention strategies. Sandra Marais and **Esme Jordaan**.

7. TEACHING AND SUPERVISION FOR POST-GRADUATE STUDENTS

7.1 PhD/MD: PROMOTER/CO-PROMOTOR (indicate in brackets if completed this year)

Esme Jordaan

External co-promotor: PhD student - Prof DJH Niehaus, US

Carl Lombard

Co-supervisor: PhD student – Yogan Kisten, UCT

7.2 MSc (or equivalent): PROMOTER CO-PROMOTER (indicate in brackets if completed this year)

Gaetan Kabera

Advised for Statistical Analysis: Bronwyn C. Joubert and Thayanthee Nadasan, University of KwaZulu-Natal

Steve Olorunju

Co-supervisor: BSc Hons Quantitative Health Sciences
University of Pretoria

Co-Supervisor for the Academic Advisory Committee for student: Mr M Khumalo (BSc Hons Quantitative Health Sciences), University of Pretoria
January 2008

Co-Promoter on Tshaudi Motsima's thesis titled "Analyzing Anthropometry when Ages are not in Exact months" submitted to University of Free State.

Lize van der Merwe

Ruben Cloete, MSc, University of Stellenbosch Health Sciences, main mixed ancestry, MSc by thesis, completed.

Nadia Carstens, MSc, University of Stellenbosch Health Sciences, female white, MSc by thesis, completed.

Ushma Galal, MSc, University of Western Cape, female Indian, not yet complete.

7.3 Examiner

Becker P

Survival Analysis(Hons, Unisa)

Hons & Masters students, Wits

Hons & Masters students, UP (3rd Year- 2 courses)

Carl Lombard

Dept of Statistics, UCT

Sonja Swanevelder

External Moderator: Applied Statistics
Department Statistics, University of the Western Cape

Lize van der Merwe

External examiner: Biostatistics Module, Masters in Clinical Epidemiology,
Health Sciences, University of Stellenbosch. June 2008.

7.4 LECTURES (EXTERNAL) INVITED SPEAKER, ETC.**Lize van der Merwe**

Lectures on Exploratory Data Analysis and Principles of Biostatistics to Staff
of University of Stellenbosch Health Sciences. August 2008

7.5 COURSES TAUGHT**Piet Becker**

Informal: Research and experimental design
1) School for Healthcare Sciences, UP
2) Healthcare Sciences, TUT – March 2007/2008
3) Anatomy TNM 800, UP – May 2007/2008/2009
4) Sports & Medicine TNM 800, UP – February 2009

Formal: Survival Analysis (STA4174) on Unisa Hons/Masters programs

G Kabera

Introductory Statistics Course, Kigali Institute of Science and Technology,
June 2008

Lyness Matizirofa

Fieldworkers training – 10 April 2008
CRIBSA Study in conjunction with Chronic Diseases of Lifestyle
Cardiovascular Risk in Black South Africans Study 2008.

Lectures/courses – Lize van der Merwe

Lectures on survival analysis and statistical inference at Progress School for
Cochrane collaboration AIDS group mentoring programme. February 2008.
One-to-one consulting at Progress School for Cochrane collaboration AIDS
group mentoring programme. February 2008.

One-to-one consulting on RAP (Reviewers for Africa) review completion
programme at SA Cochrane Centre. June 2008.

Lectures on Data Management, and Concepts of Biostatistics to MMed
students of University of Stellenbosch Health Sciences. June 2008.

Lectures on Data Analysis Plan: Exploring, summarizing and presenting data,
and . Exploratory Data Analysis to Masters in Clinical Epidemiology students
of University of Stellenbosch Health Sciences. August and September 2008.

Lectures on Data Management, and Concepts of Biostatistics to MMed students of University of Stellenbosch Health Sciences. September and October 2008.

8. REVIEWING AND EDITING OF MANUSCRIPTS/BOOKS (JOURNAL PEER REVIEW SYSTEM)

8.1 INTERNATIONAL BOOK/JOURNAL REVIEWS

Carl Lombard

The International Journal of Tuberculosis and Lung Disease
BMC Neurology
BMC Women's Health
BMC Psychiatry
BMC Infectious Diseases
PLoS Medicine
Biomed Central Geriatrics

Cathy Connolly

The International Journal of Tuberculosis and Lung Disease.

Manda SOM

Statistics in Medicine
Journal of Advanced Nursing
African Population Studies
British Journal of Psychiatry

Lize van der Merwe

BMC Cancer
BMC Genetics
BMC Medical Genetics

8.2 NATIONAL JOURNAL MANUSCRIPT REVIEWS

Piet Becker

South African Journal of Cardiology
Cardiovascular Journal of South Africa

Cathy Connolly

HSRC Report
MRC Protocol Review

Carl Lombard
Cardiovascular Journal of South Africa

S Manda
The ASP – African Safety Promotion Journal

Steve Olorunju
Cardiovascular Journal of South Africa
MRC Protocol Review
Review of University of Pretoria, Health Sciences students Protocols

Lize van der Merwe
South African Statistical Journal

8.3 EDITORIAL COMMITTEES APPOINTMENTS

SOM Manda
Associate Editor of South African Statistical Journal

Lize van der Merwe
Member of editorial board: Biomed Central

9. ELECTED OFFICERS OF PROFESSIONAL SOCIETIES

9.1 INTERNATIONAL

Dr Carl Lombard
Editorial Board of the Sexually Transmitted Diseases Collaborative Review Group (CRG) of the Cochrane Collaboration

Lize van der Merwe
Statistical Editor for AIDS group, Cochrane Collaboration.

9.2 NATIONAL

Dr Lize van der Merwe
Recruitment Committee: Senior Lecturer, Human Genetics, Health Sciences, University of Cape Town.

10. COMMITTEES (JOB RELATED)

10.1 INTERNATIONAL

10.2 NATIONAL

Becker P
Member of Pharma-Ethics: Ethics committee for clinical trials
Medical Aid Forum: Medical Research Council
Group Insurance Panel: Medical Research Council
Values Continuity Group: Medical Research Council

10.3 PREPARATION OF COMMITTEE REPORTS

Member of Students Ethics Committee of University of Pretoria Faculty of Health Sciences as Biostatistician on the Team. **Steve Olorunju.**

11. LINKAGES AND PARTNERSHIPS WITH RESEARCH OR PUBLIC HEALTH

11.1 ORGANISATIONS – INTERNATIONAL

Cathy Connolly

WHO Special Programme for Research and Training in Tropical Diseases (TDR) NawaLife Trust : Nambian center for communication programmes
Constella Group, Enhancing Human Health, Washington DC

11.2 ORGANISATIONS – NATIONAL

Cathy Connolly

Human Sciences Research Council

Steve Olorunju

Helen Joseph Hospital: Study on Schizophrenia - Management of Schizophrenia according to S. A. treatment Guidelines. The study is at the request of Department of Health - Study Leader: Dr. Bernard Janse van Rensburg

12. AWARDS, PRIZES AND HONORARY MEMBERSHIPS

12.1 INTERNATIONAL RECOGNITION

12.2 NATIONAL RECOGNITION

Becker P

March 2007 – February 2010

Appointed as Honorary Professor, School of Therapeutic Sciences, University of Witwatersrand.

13. IMPLEMENTATION (Describe instances where your research has influenced policy and practice)

14. WORKSHOPS, SEMINARS, CONFERENCES, SYMPOSIUMS, COURSES ATTENDED

Cathy Connolly

Attended Investigators Meeting for TB/HIV research activities, June 17-19, Tanzania

G Kabera

Courses attended

- Online Course: NC151: Introduction to Stata Programming, 12 September – 24 October 2008, StataCorp USA
- Analysis of Scientific Information, 30 November-02 December 2008, Regenesys Johannesburg

Workshop attended (SASA 2008):

- (1) Statistical Process Control, Theory and Applications: Understanding and Implementation of Modern Developments, by Subhabrata Chakraborti and members of the Department of Statistics, UP
- (2) Analytics in the Real World: what comes before and after statistics? (including business applications and case studies), by Goran Dragosavac

Esme Jordaan

Invitation to attend a symposium on FAS

Abstract:

Symposium on the Prevention of Fetal Alcohol Syndrome

9&10 September 2008

MRC

S Marais & E Jordaan

Proposals to change drinking behaviour in pregnant women: Findings from a Ceres Fetal Alcohol Syndrome study.

Esme Jordaan

Online course in Advanced Structural Equation Modeling with Statistics.Com

Dr Lombard attended the African DSMB at Royal Palm-Gateway in Durban from 26 – 28 March 2008.

Dr Carl Lombard attended the Pragmatic Randomized Controlled Trials Workshop 2008 in Toronto, Canada.

Manda SOM

1. Management Development Programme (MDP): University of University of Stellenbosch Business School – Executive Development: Durban; August-October, 2008
2. 51st Annual Conference of the South African Statistical Association, Pretoria, 27– 31 October 2008
3. 1st African Conference of Young Statistician, Pretoria, 1-3 July 2008

Rebecca Shanmugam

The 4th Conference of Epidemiological Longitudinal Studies in Europe (CELSE), Bergen Norway, 12-14 November 2008.

Ushma Galal attended a Statistical Genetic Workshop, on Design and Analysis of Genetic-Based Association Studies, which took place in Pavia, Italy from 23 – 27 June 2008.

Steve Olorunju

Online-Course- Survival Analysis with Statistics.Com

Online-Course- Advanced Logistics Regression with Statistics.Com

Lyness Matizirofa

Online-Course - Meta Analysis with Statistics.Com

Lize van der Merwe.

Annual conference of South African Statistical Association. University of Pretoria, Tswane. 29-31 October 2008

Submitted articles:

1. **Becker PJ**, Wolvaardt JS, Hennessy Angie, Maree Carin: A composite score for a measuring instrument utilizing re-scaled Likert values and item weights from matrices of pair-wise ratios. *HealthSAGesondheid. Submitted.*
2. Odendaal, W.A., Van Niekerk, A., **Jordaan, E.** & Seedat, M. (2008). The impact of a home visitation programme on household hazards associated with unintentional childhood injuries: A randomised controlled trial. *Accident Analysis and Prevention. Submitted.*
3. Hew-Butler T, **Jordaan E**, Noakes TD , Soldin SJ, Verbalis JG. Hypogonadal Male Runners Do Not Display Endocrine or Performance Impairment during Prolonged Endurance Exercise. *Submitted.*
4. Zwarenstein M, English R, Bateman E, **Lombard C.** Integration through outreach education improves adult HIV/AIDS and tuberculosis primary care: the PALSA PLUS pragmatic cluster randomised trial. *The Lancet. Submitted.*
5. Irene Munzhelele, Kurt-W. Bütow, **Steve Olorunju.** Cleft types, prenatal factors and family history in patients with facial cleft deformities: A comparative study of two racial groups. *International Journal of Maxillo-Facial Surgery. Submitted.*
6. **Manda SOM**, Nyirongo N. An Analysis of clustered survival data using a nonparametric Bayesian hierarchical model with a Dirichlet process prior. *Communication in Stats: Theory & Methods 2009; Submitted.*
7. **Manda SOM**, Feltbower RG, McKinney PA, Gilthorpe MS. Investigating spatial similarities in the epidemiology of childhood leukaemia and diabetes in Yorkshire, UK, using a shared-temporal component model. *A J Epi 2009; Submitted.*
8. **Manda SOM**, Gale CP, Alistair S Hall AS, Gilthorpe MS. Bayesian methods for profiling hospital performance using 30-day acute coronary syndrome mortality in England and Wales. *BMC Med Res Meth 2009; Submitted.*
9. Lau Y, **Manda SOM**, Jetha E, Petersburgo D, Seedat M. The relationship between homicide and road-traffic fatalities: A masculinities perspective. *Soc Sci Med 2009; Submitted.*
10. Dalton A, Wolmarans P, Witthuhn RC, van Stuijvenberg ME, **Swanevelder SA**, Smuts CM. A randomised control trial on schoolchildren showed improvement in cognitive function after consuming a bread spread, containing fish-flour from a marine source. Prostaglandins, Leukotrienes & Essential Fatty Acids. *Submitted.*
11. Abel S, De Kock M, Smuts CM, van Schalkwyk DJ, **Swanevelder S**, Kew MC, Gelderblom WCA. Altered Lipid profile and Oxidative Status in Human Hepatocellular Carcinoma. Prostaglandins, Leukotrienes and Essential Fatty Acids. *Lipids. Submitted.*