RESEARCH OUTPUTS

Articles published in accredited journals:

NAPIER, C. E., OLDEWAGE-THERON, W. H. & **KEARNEY**, **J. E.** 2008. Comparison of three school feeding strategies for primary school children in an informal settlement in South Africa. Health SA Gesondheid.

KEARNEY, J. E. & NAPIER, C. E. 2004. Breakfast patterns of primary school children in an informal settlement. *Asia Pacific Journal of Clinical Nutrition*, 13, Supplement: S121.

Particulars of congress participation:

1. SAAFECS 7th National Conference. Unity in Diversity. The Way Forward. Western Cape, SA. 17-20 September 2003.

Title: Breakfast patterns of primary school children in an informal settlement.

2. International Congress of Clinical Nutrition. Brisbane Australia. 11-13 August 2004.

Title: Breakfast patterns of primary school children in an informal settlement.

3. Nutrition Congress. Diversity in Nutrition. Goudini, Western Cape. 23-27 August 2004.

Title: Development of a novel breakfast food product for primary school children in an informal settlement.

4. 18th International Congress of Nutrition. Durban SA. Nutrition Safari for Innovative Solutions. 19-23 September 2005.

Title: Sensory evaluation of a developed novel food product by primary school children in an informal settlement.

5. 8th National conference of the South African Association of Family Ecology and Consumer Science (SAAFECS). 11-13 July 2006.

Title: Food service development for a school feeding programme.

Vaal University of Technology Research SeminarJuly 2007

Title: Food service development for a school feeding programme

- 7. Nutrition Congress 2008. Pretoria. 29 September-2 October 2008

 Title: A comparative analysis of two commercial products used for school feeding in the Vaal Region.
- 8. 3rd Africa Nutritional Epidemiology (ANEC III). Cairo. 13-16 October 2008 Title: A comparative analysis of five different products used for school feeding in the Vaal Region.

BIBLIOGRAPHY

ARMSTRONG, M. E. G., LAMBERT, M. I., SHARWOOD, K. A. & LAMBERT, E. V. 2006. Obesity and overweight in South African primary school children-the Health of the Nation Study. *South African Medical Journal*, 96 (5):439-444. May.

ASBRIDGE, M. & VEUGELERS, P.J. 2008. Diet quality and acadenic performance. *Journal for Science and Health*, 78:209-215.

BABU, S.C. 2001. Food and Nutrition Policies in Africa: Capacity challenges and training options. *African Journal of Food and Nutritional Sciences*, 1(1):19-28, August.

BEATON, G. H. & GHASSEMI, H. 1982. Supplementary feeding programmes for young children in developing countries. *American Journal of Clinical Nutrition*, 35:864:916

BENNETT, J. 2003. Review of School Feeding Projects. DFID, UK.

BLACK, M.M. 2003. Micronutrient Deficiencies and Cognitive functioning. *The Journal of Nutrition*, 133(11):3927S-3931S, November.

BOWLEY. A. 2005/3. Nutriview. NEPAD: driving forward the nutrition agenda. ABCommunications. Switzerland.

BRADSHAW, D., BOURNE, D. & NANNAN, N. 2003. Burden of Disease Research Unit. MRC. Medical Research Council. Policy Brief. No.3. November 2003.

BRANCA, F. & FERRARI, M. 2002. Impact of Micronutrient Deficiencies on Growth: The Stunting Syndrome. *Annals of Nutrition & Metabolism*, 46(1):8-17.

CHIBE, M.E. 2007. Sustainability of Corn Soya Blend use in the Orange Farms school feeding programme. MTech. Dissertation. Vaal University of Technology.

DEL ROSSO, J. M., 1999. School Feeding Programs: Improving effectiveness and increasing the benefit to education. A Guide for Program Managers. *The Partnership for Child Development*.

DEPARTMENT of HEALTH (DoH). **See** REPUBLIC OF SOUTH AFRICA. Department of Health.

DRAKE, L., MAIER, C., JUKES. M. & PATRIKIOS, A. 2002. School age Children: Their Nutrition and Health. *Nutrisearch. The Indian Academy of Pediatrics*, 9(4):1-22, October-December.

DAIRY REPORTER.com. Tetra Pak makes the business case for social responsibility. 2007. [Online]. Available at: http://www.dairyreporter.com/news/printsNewsBis.asp?id=80092. Accessed: 04/10/2006.

FAO 2005. The State of Food Insecurity in the World. Eradicating world hunger – key to achieving the Millennium Development Goals. Food and Agriculture Organization of the United Nations.

FLEGAL, K.K., WEI, R. & OGDEN, C. 2002. Weight-for-stature compared with body mass index-for-age growth charts for the United States from the Centre for

Disease Control and Prevention. *American Journal of Clinical Nutrition*, 75: 761-766.

GELLI, A., MEIR, U. & ESPEJO, F. 2007. Does provision of food in school increase girls' enrolment? Evidence from schools in sub-Saharan Africa. *Food and Nutrition Bulletin*. Vol. 28 no. 2:149-163.

GRANTHAM-Mc GREGOR, S.M., CHANG, S. & WALKER, S.P. 1998. Evaluation of school feeding programmes: some Jamaican examples. *American Journal of Clinical Nutrition*, 67(suppl):785S-789S.

GRANTHAM-MCGREGOR, S.2005. Can the provision of breakfast benefit school performance? Food and Nutrition Bulletin Vol. 26 no. 2 (supplement 2). P S144-S145.

GREENHALGH,T., KRISTJANSSON, E.A, & ROBINSON,V. 2007 Realist review to understand the efficacy of school feeding programmes. *British Medical Journal* 335:858-861.

GUNDERSON, G. W., USDA. The National School Lunch Program Background and Development. School Milk Programs. [Online]. Available at: http://www.fns.usda.gov/cnd/lunch/AboutLunch/ProgramHistory_11.htm. Accessed: 05/03/2008.

HANES, W. 2006. Grassroots Volunteers In Southern Africa Provide Support For People Living With, Affected By HIV/AIDS. [Online]. Available at: http://www.medicalnewstoday.com/articles/48244.php. Accessed: 17/10/08.

HERTZ, G. 1995. Production of Pre-cooked Fortified blended foods in Kenya: a success story. [Online]. Available at: www.ennonline.net http://www.ennonline.net/>. Accessed: 17/03/05.

IFPRI. 2002. What works? A Review of the efficacy and Effectiveness of Nutrition Interventions. January 2002. [Online]. Available at: http://www.ifpri.org/pubs/books/whatworks/whatworks>. Accessed: 23/02/2007.

IFPRI 2004a. The promise of school feeding. [Online]. Available at: http://www.ifpri.org/pubs/newsletters/ifpriforum/IF200407.htm. Accessed: 27/02/2006.

IFPRI 2004b. Food for education. [Online]. Available at: http://www.ifpri.org/pubs/newsletters/ifpriforum/IF200407.htm. Accessed: 27/02/2006.

INEE. Interagency Network for Education in Emergencies.2004. School Environment and Supplies. [Online]. Available at http://www.ineesite.org/school/feeding.asp>. Accessed: 09/06/2006.

IOM Institute of Medicine. 1997. Dietary Reference Intakes for calcium, phosphorus, magnesium, vitamin D and fluoride. Food and Nutrition Board. Washington DC. National Academy Press.

IOM Institute of Medicine. 2001. Dietary Reference Intakes for vitamin A, vitamin K, arsenic, boron, chromium, copper, iodine, iron, manganese, molybdenum, nickel, silicon, vanadium and zinc. Food and Nutrition Board. Washington DC. National Academy Press.

IOM Institute of Medicine. 2002. Dietary Reference Intakes for energy, carbohydrate, fibre, fat,fatty acids,cholesterol, and protein and amino acids. Food and Nutrition Board. Washington DC. National Academy Press.

IOM. Institute of Medicine of the National academies. 2004. Dietary Reference Intakes (DRIs). [Online]. Available at: http://www.iom.edu/object.File/Master/21/372/0.pdf>. Accessed: 07/03/2005.

JAM. Joint Aid Management. 2004. Nutritional feeding throughout Africa. [Online]. Available at: http://www.jamsa.co.za/sub/children/feeding/feeding.jsp. Accessed: 12/08/2008.

JAM ANNUAL REPORT. 2006. [Online]. Available at: www.jamint.com >. Accessed: 13/11/2007.

JAMISON, T. D. & LESLIE, J. 1990. Health and nutrition considerations in education planning. The cost and effectiveness of school based interventions. *Food and Nutrition Bulletin*, 12(3): 204-214.

KEARNEY, J.E. 2006. Development of a novel breakfast food product for primary school children in an informal settlement. MTech. Dissertation. Vaal University of Technology.

KLUGMAN, G . 2002. Addressing malnutrition in South Africa. *Science in Africa*. [Online]. Available at: http://www.scienceinafrica.co.za/2002/january/food.htm Accessed: 04/04/2006.

KRISTJANSSON, E.A., ROBINSON, V., PETTICREW, M., MACDONALD, B., KRASEVEC, J., JANZEN, L., GREENHALGH, T., WELLS, G., MACGOWAN, J.,

FARMER, A., SHEA, B.J., MAYHEW, A. & TUGWELL, P. 2007. School feeding for improving the physical and psychosocial health of disadvantaged elementary schoolchildren. Art. NO.: CD004676.DOI:10.1002/14651858.CD004676. pub2. [Online]. Available at: http://www.schoolsandhealth.org/download-docs/ FoodforEducation/WFPsnacks/snack-28/Cochrane.htm>. Accessed: 22/01/08.

KRUGER, H.S., DHANSAY, M.A., LABADARIOS, D., KOTIAH, M., KULLMAN, L., 2002. The importance of breakfast in meeting nutritional requirements of South African children - A review. *The South African Journal of Clinical Nutrition*, 15(1):512, March.

LABADARIOS, D. 1997., Eating Breakfast - does it make a difference? *The South African Journal of Clinical Nutrition*, 87(1):91-92, January.

LABADARIOS, D., STEYN, N. P., MAUNDER, E., MACINTYRE, U., GERICKE, G., SWART, R., HUSKISSON, J., DANNHAUSER, A., VORSTER, H, H., NESMVUNI, A. E., & NEL, J. H. 2005a. The National Food Consumption Survey (NFCS): South Africa 1999. *Public Health Nutrition*, 8(5):533-543.

LABADARIOS, D., STEYN, N.P., MGIJIMA, C. & DALDLA, N. 2005b. Review of the South African Nutrition policy 1994-2002 and targets for 2007: achievements and challenges. *Nutrition 21*, 100-108.

LANGENHOVEN, M. L., KRUGER, M. L., GOUWS. E. & FABER, M. 1991 MRC Food composition tables. Parow. South Africa.Medical Research Council.

LEVINGER, B. 2005. School feeding, school reform, and food security: connecting the dots. *Food and Nutrition Bulletin*, 26(2) (supplement 2):S 170- S178.

LOUW, R., BEKKER. E. & WENTZEL-VILJOEN. E. .2001. 'External evaluation of certain aspects of primary school feeding.' A report submitted to the Department of Health.

LOVE, P. & SAYED, N. 2001. Eat plenty of vegetables and fruit everyday. *South African Journal of Clinical Nutrition*, 14(3) (Supplement): S24 - S31.

MACINTYRE, U. 1998. Dietary intakes of Africans in transition in the North West Province. PhD. Dissertation. Potchefstroom. PU for CHE.

MAHAN, L.K. & ESCOTT-STUMP, S. 2004. *Krause's Food, Nutrition, & Diet Therapy 11th Edition.* W.B. Saunders Company Pensylavania. pp 244-247.

MCCOY, D., SAITOWITZ, R., SAASA, M., WIGTON, A., MACLACHLAN, M., MOKOETLE, K., SWART, R., KVALSIG, J., GORDON, A., HENDRICKS, M., DHANSAYA. & BARRON, P. 1997. An Evaluation of South Africa's Primary School Nutrition Programme. Health Systems Trust.

McILRATH, L. & SLABBERT, T. 2003. Sedibeng economic regeneration summit. Unpublished, pp. 1-24.

MICHAELS, P. 2008. Parliamentary Monitoring Group. Conditional Grants, School Nutrition, HIV/AIDS and Learner Transport: department briefing. [Online]. Available at: www.pmg.org.za/print/10563. Accessed: 26/03/08.

MÜLLER, O. & KRAWINKEL, M. 2005. Malnutrition and health in developing countries. *Canadian Medical Association Journal*, 173(3):279-294. August.

MURPHY, S.P. & POOS, M.I. 2002. Dietary Reference Intakes: summary of applications in dietary assessment. *Public Health Nutrition*, 5 (6A):843-849.

NAIDOO, P. 2003. Orange Farm: the struggle for water, the struggle for life. Johannesburg. Press release. [Online]. Available at: http://www.joburg.org.za/2003/jan/jan31_garden.stm. Accessed: 12/02/2008.

NAPIER, C.E. 2003. Nutritional status and food consumption patterns of children in the Vaal Triangle. MTech. Dissertation. Vaal Triangle Technikon.

NAPIER, C.E. 2006. Evaluation of a feeding programme in addressing malnutrition in a primary school. DTech. Thesis. Vaal University of Technology.

NCHS. National Centre for Health Statistics 2000. CDC Growth Charts: United States. Available at: http://198.246.98.21/nchs/about/major/nhanes/growthcharts/background.htm/. Accessed: 30/06/2008

NEPAD. 2003. The NEPAD Home-Grown School Feeding Programme. A Concept. [Online]. Available at: http://www.africa-union.org/2007/fevrier/REA/13-14/. Accessed: 05/03/2008.

NSNP. NATIONAL SCHOOL NUTRITION PROGRAMME. 2008. [Online]. Available at: https://www.child-labour.org.za/south-africa/programmes-and-responses/educational/national-school-nutrition. Accessed: 26/03/08.

OLDEWAGE-THERON, W.H., DICKS, E. G., NAPIER, C. E., RUTENGWE, R. 2005. Situation analysis of an informal settlement in the Vaal Triangle. Development Southern Africa, 22(1):13-26, March.

POLITY 2007. FINANCIAL AND FISCAL COMMISSION. Submission for the Division of Revenue 2008/2009. Recommendations FFC Review: Equitable Sharing Mechanisms. Midrand.

REITSMA, G.M., VORSTER, H.H., VENTER, C.S., LABADARIOS, D., DE RIDDER, J.H., and LOUW, M.E.J. 1994. A school feeding scheme did not improve nutritional status of a black group of school children. *South African Journal of Clinical Nutrition*. 7 (1):10-18.

REPUBLIC OF SOUTH AFRICA. 2001. Department of Health. Gauteng. PSNP policy document.

REPUBLIC OF SOUTH AFRICA. Department of Health. Integrated Nutrition Programme. 2002. Strategic plan 2002/3 to 2006/7. Prepared by the National Directorate: National and Provincial nutrition units. September 2002.

REPUBLIC OF SOUTH AFRICA. Department of Health. Integrated Nutrition Programme (DOH) 2003/04-2007/08:11-20 November 2003.

REPUBLIC OF SOUTH AFRICA. Department of Health. INP Integrated Nutrition Programme. A foundation for life. 2004 Issue 4 DoH p12.

REPUBLIC OF SOUTH AFRICA. 2004. Department of Education. Gauteng.

Transfer of the National School Nutrition Programme (NSNP) from Department of Health to Department of Education.

REPUBLIC OF SOUTH AFRICA Department of Health 2005. INP Integrated Nutrition Programme.. [Online]. Available at: http://www.doh.gov.za/programmes/inp/status.htm. Accessed: 26/03/08.

REPUBLIC OF SOUTH AFRICA. Department of Health. 2007. INP Integrated Nutrition Programme. Nutritional Status.. [Online]. Available at: http://www.doh.gov.za/programmes/inp/status.htm. Accessed: 03/12/07.

REPUBLIC OF SOUTH AFRICA Northern Cape Department Of Education. 2007. Primary School Food Nutrition Programme. . [Online]. Available at: https://www.ncedu.gov.za/index2.php?option=com_content&task=view&id=68&pop=1&page=0&Itemid=1. Accessed: 26/03/08.

RICHTER, L.M., ROSE, C., GRIESEL, D.F. 1997. Cognitive and behavioural effects of a school breakfast. *The South African Journal of Clinical Nutrition*, 87(1): 93-100, January.

RIVERA, J. A., HOTZ, C., GOZÃLEZ-COSSÎO, T., NEUFELD, L. & CARCÎA-GUERRA, A. 2003. The Effect of Micronutrient Deficiencies on Child Growth: A review of results from community-based supplementation trials. *The Journal of Nutrition*, 133: 4010S-4020S, November..

ROCHE. 2000. School feeding. A worthwhile investment for future prosperity. Berlin: ABCommunications.

SAVACG (South African Vitamin A Consultative Group). 1995. *Children aged 6 to 71 months in South Africa, 1994: their anthopometric, vitamin A, iron and immunisation coverage status.* Isando: SAVACG. 335p.

STEIN, J., 2001., Smart Cookies. [Online]. Available at: http://www.health-e.org.za. Accessed: 17/03/05.

SWART, L. 2004. Analytical Chemist. ARC. Telephonic interview to discuss microbiological tests: Date 24/11/2004.

TIMME, E. 2003. CSIR. Council for Scientific and Industrial Research. Novel Nutrition product from fish waste could improve neurological capacity. [Online]. Available at:_http://www.csir.co.za. Accessed: 17/03/05.

TOMLINSON, M. 2007. School feeding in east and southern Africa: Improving food sovereignty or photo opportunity? Regional Network for Equity In Health in South Africa (EQUINET). EQUINET discussion paper number 46. March 2007.

TORPY, J. M. Child Health. Malnutrition in children. *JAMA (The Journal of the American Medical Association)* Vol. 292 No. 5 August 2004

UNICEF. Nutrition issue 2005. Global Food for Education programme. [Online]. Available at: <www.UNICEF.org/somalia/som_nutritionFNL.pdf.>. Accessed: 14/03/06.

USDA. 2003. History of the NSLP. The National School Lunch Programme. U.S Department of Agriculture.

VAN STUIJVENBERG, M.E., KVALSVIG, J. D., FABER, M., VORSTER, N. & BENADE. 1997. The Hidden Hunger: Addressing micronutrient deficiencies in schoolchildren. Policy Brief no. 4, July /August 1997. Medical Research Council of South Africa.

VAN STUIJVENBURG, M, E. 2005. Using the School feeding system as a vehicle for micronutrient fortification: experience from South Africa. *Food and Nutrition Bulletin*, 26 (2):S213-S219, June.

VORSTER, H.H. & VENTER, C.S., 1992. School feeding programmes: strategies for South Africa. *The SA Journal of Food Science and Nutrition*, 4(4): 95-102.

VORSTER, H.H., OOSTHUIZEN, W., JERLING, J.C., VELDMAN, F.J. and BURGER, H.M. 1997 The nutritional status of South Africans: a review of the literature from 1995-1996. Health Systems Trust.

WENTZEL-VILJOEN, E. 2003 Development of a model for the monitoring and evaluation of nutrition and nutrition-related programmes in South Africa. PhD. Dietetics. PU for CHE.

WFP. World Food Programme. 2005. School feeding. [Online]. Available at: http://www.wfp.org/food_aid/school_feeding>. Accessed: 17/08/2005.

WFP 2006. Global School Feeding Report. [Online]. Available at: http://www.wfp.org/schoolfeeding >. Accessed: 13/11/2007.

WILDEMAN & MBEBETHO. 2005 Reviewing ten years of the school nutrition programme. IDASA Budget information service. [Online]. Available at: http://wwwidasa.org.za. Accessed: 04/10/2006.

WISHH. World Initiative for Soy In Human Health. An Overview 2004. [Online]. Available at: http://www.wishh.org/development/index.html >. Accessed: 04/02/2008.

WOLDOW, D. 2008. School Beat: The 10 Dumbest Things about the National School Lunch Program. BeyondChron: San Francisco's Alternative Online Daily News. [Online]. Available at:

http://quarts.he.net/~beyondch/news/nucleus/plugins/print/print.php?itemid=539>. Accessed: 05/03/2008.