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EDUCATION

- 2004-2007: PhD Food Nutrition, Food Technology and Biotechnology- Wageningen University, the Netherlands
1993-1994: Master of Nutrition and Dietetics- Flinders University of South Australia
1987-1990: Bachelor of Education, Home Economics (Hons) – Kenyatta University, Kenya
1985-1986: Moi Girls High School, Eldoret- A level education
1981-1984: Alliance Girls High School, Kikuyu – O level education
1976-1980: The Hill School, Eldoret – Primary education
1974-1975: Lena Moi Primary School, Nakuru

RESEARCH EXPERIENCE

- 2019-2020: Community Health Needs Assessment, Kisumu West and Vihiga
2017 to 2020: Kenya site PI - Improving the survival, growth and development of low birth weight newborns through better nutrition: the Neonatal Nutrition (NeoNuNet) Project; collaboration between Liverpool School of Tropical Medicine, Maseno University and the Jaramogi Oginga Odinga Teaching and Referral Hospital Kisumu. Medical Research Council, UK; Confidence in Global Nutrition and Health Research 2017.
2014-2015: Safe and Efficacious iron fortification for children in Kenya (SEICK) study in collaboration with London School of Hygiene and Tropical Medicine.
Comparison of home fortification with two iron formulations: A placebo-controlled non-inferiority trial among Kenyan children protected against malaria by a single course of artemisinin-based combination therapy.
2011 to 2014: An efficacy trial of a gravity-fed household water treatment device as a delivery system for zinc in zinc deficient children and women. In collaboration with Wageningen University, The Netherlands, and the ETH, Zurich, Switzerland.
2009-2013: Safety of iron interventions, Work Package 5 INSTAPA project (A longitudinal study on the effect of iron interventions among pregnant women).
2009-2010: Impact of home fortification with micronutrients on anemia in the

2003-2007: Kakuma refugee camp, Kenya.
Efficacy of fortification of whole maize flour with iron on the iron status of Kenyan school children. (PhD study, attached to the Centre for Public Health Research, Kenya Medical Research Institute, Nairobi).

TEACHING EXPERIENCE

2013: Senior Lecturer, Department of Nutrition and Health, School of Public Health and Community Development, Maseno University
1998: Lecturer, Nutrition Programme, School of Public Health and Community Development, Maseno University
1997: Assistant Lecturer, School of Family, Consumer Sciences and Technology, Maseno University
1995: Tutorial Fellow, School of Family, Consumer Sciences and Technology, Maseno University
1991-1993: Teacher, Koru Girls' High School

HONORS AND AWARDS

Unilever Scholarship, PhD Wageningen,
John Crawford Scholar, Australia, 1993

PROFESSIONAL MEMBERSHIP

African Nutrition Leadership Programme Alumni (2006)
Member, African Nutrition Society
Member, Kenyan inter-university Nutrition committee

SKILLS AND TRAINING

2020: CPC Training in Postgraduate Supervision
2018: NMT Deans' Training Workshop session 2, Masinde Muliro University of Science and Technology
2017: NMT Deans' Training Workshop session 1. Karatina University
2017: Job analysis training, Maseno University

LEADERSHIP EXPERIENCE

2017: Acting Dean, School of Public Health and Community Development, Maseno University
2012: Associate Director, School of Graduate Studies, Maseno University
2010: Programme Co-ordinator, Nutrition Programmes, School of Public Health and Community Development, Maseno University
2008: Junior Faculty, Africa Nutrition Leadership Programme

CONFERENCES AND WORKSHOPS

- 2018: Teaching and cultural exchange visit, Finland (Kajaani, Kokkola Lehtimaki and Seijnajoki)
- 2018: Member of the SHEA research proposal writing team, Maseno
- 2016: DIES Seminar, DAAD: Quality Doctoral Education – a Prerequisite for Strong Universities in Africa. Nairobi
- 2016: Kisumu County Nutrition Stakeholders Forum: The Right to Good Nutrition, Kisumu
- 2015: Member of the ACE Consortium proposal writing team

PUBLICATIONS

1. Braithwaite Vickie, Ayse Demir, Mwangi Martin, Jones Kerry, Prentice Ann, Prentice Andrew, **Andang’o Pauline**, Verhoef Hans. **SUN-359 Antenatal Oral Iron Supplementation, FGF23 and Bone Metabolism in Kenyan Women and Their Offspring: A Randomised Controlled Trial**. Journal of the Endocrine Society, 2020;4(Suppl-1). DOI: [10.1210/jendso/bvaa046.431](https://doi.org/10.1210/jendso/bvaa046.431)
2. Teshome, Emily Mwadime; Oriaro Veronica; **Andang’o Pauline EA**; Mulberg Andrew; Verhoef, Hans. **Adherence to home fortification with micronutrient powders in Kenyan pre-school children: Self-reporting and sachet counts compared to an electronic monitoring device**. BMC Public Health, 2018; 18(1).
3. Borgonjen van Den Berg, Karin J; Superchi Cecilia; ten Hove, Hermine; Onyango Elizabeth Opiyo; **Andang’o Pauline EA**; Galetti Valeria; Zimmermann Michael B; Moretti, Diego; Brouwer Inge. **Combining food-based dietary recommendations using Opfifood with zinc-fortified water potentially improves nutrient adequacy among 4 to 6 year old children in Kisumu West district, Kenya**. Maternal and Child Nutrition, 2018; 14:1-12.
4. Kujinga Prosper, Galetti Valeria, Onyango, Elizabeth Opiyo; Jakab, Viktor; Burkli, Simone; **Andang’o Pauline EA**; Brouwer, Inge; Zimmermann, Michael B; Moretti Diego. **Effectiveness of zinc-fortified water on zinc intake, status and morbidity in Kenyan pre-school children: a randomised controlled trial**. Public Health Nutrition, 2018; 21(15):1-11.
5. Obade MI, **Andang’o P**, Obonyo C, Lusweti F. **Sources of Aflatoxin Exposure in Kisumu County, Kenya**. Food Nutr Current Res, 2018; 1(2): 42-50.
6. Teshome Emily Mwadime; Kiprotich Peter; **Andang’o Pauline EA**. **Paradigm Shift: Efficient and cost-effective real-time nutritional assessment technique**. African Journal of Food, Agriculture, Nutrition and Development, 2017. 17(04): 12807-12816.
7. Teshome Emily M, Prentice Andrew M., Demir Ayse Y., Andang’o Pauline E.A., Verhoef Hans. **Diagnostic Utility of Zinc Protoporphyrin to Detect Iron**

- Deficiency in Kenyan Schoolchildren: A Community-Based Survey.** BMC Hematology (2017) 17: 11
8. Teshome Emily M., **Andang'o Pauline E.A.**, Osoti Victor, Terwel, Sofie R., Otieno Walter, Demir Ayse, Y., Prentice Andrew, M., Verhoef, Hans. **Daily home fortification with iron as ferrous fumarate versus NaFeEDTA: a randomised, placebo-controlled, non-inferiority trial in Kenyan children.** BMC Medicine (2017) 15:89
 9. Teshome Emily M., Otieno Walter, Terwel, Sofie R., Osoti Victor, Demir Ayse, Y., **Andang'o Pauline E.A.**, Prentice Andrew, M., Verhoef, Hans. **Comparison of Home Fortification with Two Iron Formulations among Kenyan Children: Rationale and Design of a Placebo-Controlled Non-Inferiority Trial.** Contemporary Clinical Trials Communications (2017) 7:1-10.
 10. Braithwaite Vickie; Demir Ayse Y; Mwangi Martin N; **Andang'o Pauline E.A.**; Prentice Andrew; Prentice Anne; Verhoef Hans. **The effect of antenatal iron supplementation on fibroblast growth factor-23 concentration in mothers and infants: a randomised controlled trial in rural Kenya.** 2017; DOI: 10.1530/boneabs.6.OC7.
 11. Kinyua Joycelyne G, Lihann RW, Kiptoo MK, Mwangi J, Okoth V, Onyango RO, **Andang'o PEA.** **Factors Associated with Choice of Infant Feeding Practices among HIV-1 Positive Post natal Clinic Attendees in Tharaka Nithi County.** Journal of Health, Medicine and Nursing, 2016, 31; 25-32. ISSN 2422-841
 12. Martin N. Mwangi, Johanna M. Roth, Menno R. Smit, Laura Trijsburg, Alice M. Mwangi, Ayse Y. Demir, Jos P.M. Wielders, Petra F. Mens, Jaco J. Verweij, Sharon E. Cox, Andrew M. Prentice, Inge D. Brouwer, Huub F.J. Savelkoul, **Pauline E. A. Andang'o**, Hans Verhoef. **Effect of Daily Antenatal Iron Supplementation on Plasmodium Infection in Kenyan Women.** Journal of the American Medical Association, 2015; 314 (10): 1009 DOI: 10.1001/jama.2015.9496
 13. MI Obade, **P Andang'o**, C Obonyo, F Lusweti, **Aflatoxin exposure in pregnant women in Kisumu county, Kenya.** Current Research in Nutrition and Food Science Journal 2015; 3 (2)
 14. Obade MI, **Andang'o P**, Obonyo C and F Lusweti. **Exposure of children 4 To 6 months of age to aflatoxin in Kisumu County, Kenya.** African Journal of Food, Agriculture, Nutrition and Development 2015, 5; 2:9949-9963.
 15. Martin N Mwangi, Sumi Maskey, **Pauline EA Andang'o**, Noel K Shinali, Johanna M Roth, Laura Trijsburg, Alice M Mwangi, Han Zuilhof, Barend van Lagen, Huub FJ Savelkoul, Ayse Y Demir and Hans Verhoef. **Diagnostic utility of zinc protoporphyrin to detect iron deficiency in Kenyan pregnant women.** BMC Medicine 2014, 12:229.

16. Ahoya B, **Andang'o P**, Ouma CO. **Effectiveness of Out-patient Therapeutic Program on Nutrition among Under Fives: A Retrospective Study of Kisumu East District, Kenya.** African Journal of Education, Science and Technology 2013; 1(2):25
17. Philip Ndemwa, Christine L. Klotz, David Mwaniki, Kai Sun, Erastus Muniu, **Pauline Andango**, Sam Okara, Jee-Hyun Rah, Klaus Kraemer, Caroline Wilkinson, Martin W. Bloem, Saskia de Pee, Richard D. Semba. **Relationship of the availability of micronutrient powder with iron status and anemia among women and children in the Kakuma refugee camp.** Food and Nutrition Bulletin 2011; 32:286-91
18. Veenemans J, **Andang'o PEA**, Mbugi EV, Kraaijenhagen R, Mwaniki DL, Mockenhaupt FP, Roewer S, Olomi RM, Shao JF, van der Meer J, Savelkoul J and Verhoef H. **α -Thalassaemia protects against anemia-associated with asymptomatic malaria: evidence from community-based surveys in Tanzania and Kenya.** JID 2008; 198: 401-8.
19. **Andang'o PEA**, Osendarp SJM, Ayah R, West CE†, Mwaniki DL, De Wolf CA, Kraaijenhagen R, Kok F, Verhoef H. **Efficacy of iron-fortified whole maize flour on iron status of school children in Kenya: a randomised controlled trial.** Lancet 2007; 369: 1799-1806.

REVIEWED CONFERENCE PAPERS

Mwangi MN, Roth J, Mwangi AM, Savelkoul H, Hider RC, Mens PF, Demir AY, **Andang'o PEA**, Verhoef H. **Antenatal iron supplementation and serum non-transferrin bound iron in Kenyan women: a randomised placebo-controlled trial.** 12th European Nutrition Conference (FENS). Annals of Nutrition Metabolism 2015;67(suppl 1): 1-601.

Mwangi MN, Roth JM, Smit L, Trijsburg L, Mwangi AM, Demir AY, Mens P, Prentice AW, **Andang'o PEA**, Verhoef H. **Safety and efficacy of antenatal iron supplementation in a malaria-endemic area in Kenya: A randomised trial.** Proceedings of the Micronutrient Forum, Addis Ababa, Ethiopia, 2014; 2-6.

Mwangi MN, **Andang'o PEA**, Mwangi AM, Savelkoul H, Verhoef H. e-Poster: **Safety and efficacy of iron supplementation in African pregnant women: a randomised trial.** Conference: IUNS 20th International Congress of Nutrition. September 2013. DOI: 10.13140/2.1.4530.6883

PUBLISHED DATA

Teshome EM, **Andang'o PEA**, Osoiti V, Terwel S, Otieno W, Demir AY, Mulberg A, Verhoef H. BMC Medicine 2017: Annex 1 Statistical analysis plan; Annex 2 Meta-

analysis; Annex 3 ITT analysis; supplementary material; supplementary material 1; supplementary material 2; supplementary material 3.

BOOKS AND BOOK CHAPTERS

Ahoya Brenda, Andang'o Pauline and Ouma Collins. 2013. Evaluating Out-Patient Therapeutic Programme on Nutrition: OTP Effectiveness among Under Fives. Lambert