

PERSONAL DETAILS

Date of Birth: 6 December 1964
Nationality: Dutch

EDUCATION

PhD in Medical Sciences, 2005. Radboud University Nijmegen, the Netherlands.

Thesis entitled: The triple trouble of tuberculosis, HIV infection and Malnutrition. Epidemiological studies on nutritional status in relation to disease in patients with pulmonary tuberculosis and HIV co-infection. Key words: tuberculosis, HIV, HIV load, malnutrition, micronutrients, wasting, lung disease, anemia, erythropoietin, IL-6, leptin, appetite. *See Publications.*

Master's in Public Health, 1996. Liverpool School of Tropical Medicine, Liverpool, U.K.

Thesis: Hazard identification in the Physical and Social Environment of Scavenger Children: their living conditions, occupation, school and play. An epidemiological descriptive and exploratory study carried out in Metro Manila, the Philippines. *Graduated with distinction.*

Bachelor of Science, Physiotherapy, 1988. Academy of Physiotherapy, Rotterdam, The Netherlands

Thesis: Pain and Autosuggestion. *Graduated with distinction.*

PROFESSIONAL TRAINING

Johns Hopkins University (USA)	Protection of Human Subjects in Clinical Trials (certificate)
Royal Dutch Tropical Institute (KIT)	Development Management (certificate)
Royal Dutch Tropical Institute (KIT)	Health Care in the Tropics (certificate)

PROFESSIONAL EXPERIENCE

- Sep 2010 – current* **DIGNITAS INTERNATIONAL, Zomba**
Position: Research Advisor, Epidemiology and Dissemination
- Supporting the technical capacity of the Dignitas Malawi team to conduct Operations Research (OR) and Knowledge Translation (KT) activities in Zomba District and the South-East Health Zone in Malawi, with a focus on publication and dissemination of high quality research results.
- Sep 2007 – Aug 2010* **DIGNITAS INTERNATIONAL, Zomba**
Position: M&E and Operations Research Manager
- Leading the development and implementation of an operations research and monitoring and evaluation program in Malawi that assesses Dignitas International's activities and contribute to the operational and theoretical refinement of an integrated HIV care model.
- Jan 2006 – Jun 2007* **GlaxoSmithKline, Genval, Belgium** (seconded by Harrison Research Organisation)
Position: Clinical Project Manager, Medical Department, HIV/AIDS and Infectious Diseases
- Co-ordination of and participation in clinical research in accordance with local marketing, regulatory strategy and the demands of international clinical research and development.
- 2003 – 2007* **Investigator for the Randomised Controlled Trial of Adjunct Micronutrient Therapy for Tuberculosis and HIV/AIDS in Zomba, Malawi.**
- Involving monitoring and evaluation of the research progress; involvement in adjustments in study protocols; feedback and support to the local study coordinators; data analysis, report writing and preparation of articles.
- 1999 – 2003* **Johns Hopkins University, Baltimore, USA**
Location: Zomba, Malawi, Africa
Position: Research Director
- Managing the design and implementation of medical research activities related to Tuberculosis, HIV/AIDS and nutrition. Tasks involved: Setting up of research site. Design of study protocols, training and monitoring local research teams. Project management, human resource management, data

management, data analysis, report writing, preparation of articles, dissemination of study results and response to technical assistance requests.

1997 – 1998

Short Consultancies for different NGDO's in Cameroon, Africa

Position: Free Lance Public Health Consultant

- Assignments assisting the Rural Development Poles Project (EU funded) in Sa'a and Ntui with; reviewing logframes, monitoring and evaluation of project components, reviewing training needs, development of training curriculum.

1997

Christoffel Blinden Mission (CBM), Bensheim, Germany

Location: Bensheim, Ghana & Ethiopia

Position: Public Health Consultant

- Responsible for the analysis of CBM's supported Trachoma control activities globally
- Evaluation of Trachoma control programmes in Ghana and Ethiopia
- Document and report to the WHO alliance GET 2020 (Global Elimination of Trachoma by the year 2020)

1992 – 1995

Memisa Medicus Mundi (MEMISA), Rotterdam, The Netherlands

Location: Blantyre, Malawi

Position: Rehabilitation Officer

- Responsible for providing rehabilitation services to outreach clinics within Malawian communities and to Mozambican refugees in the camps
- Assisted in the operationalisation of national health care referral systems
- Other tasks involved: Empowering women's groups, health education and promotion, training health staff, curriculum development & management

1991 – 1992

Sophia Children's Hospital, Rotterdam, the Netherlands

Location: Rotterdam

Position: Physiotherapist

- Provided physiotherapy services to children admitted in / referred to the hospital

1990 – 1991

African Medical Mission (AMM), Umtata, Transkei, Southern Africa

Location: Umtata, Transkei

Position: Physiotherapist

- Provided physiotherapy services to orthopaedic patients at Bedford Orthopaedic Centre
- Lecturer for the Transkeian Physiotherapy Association

1988 – 1990

Consultant Physiotherapy

Location: Rotterdam and surrounding region

- Providing physiotherapy services

1989

Erasmus, Medical University Rotterdam

Location: Rotterdam

- Assisting in research into anatomical sciences under direction of Dr. A. Vleming
- Lecturing medical students in anatomy and physiology

PEER-REVIEWED PUBLICATIONS

Pinto AD, van Lettow M, Rachlis B, Chan AK, Sodhi SK. Patient costs associated with accessing HIV/AIDS care in Malawi. **Journal of the International AIDS Society** 2013, 16:18055.

van Lettow M, Åkesson A, Martiniuk A, Ramsay A, Chan AK, Anderson S, Harries AD, Corbett E, Heydermann R, Zacharia R and Bedell R. Six month mortality among HIV-infected individuals presenting for antiretroviral therapy (ART) with unexplained weight loss, chronic fever or chronic diarrhea in Malawi. **PLoS ONE** 2012; 7(11): e48856

Puchalski Ritchie LM, Barnsley J, Schull MJ, Chan AK, van Lettow M, Martiniuk ALC, Joshua M, Chingayipe E, Makwakwa A and Zwarenstein M. Development of a knowledge translation intervention tailored to the needs of lay health workers to improve tuberculosis treatment adherence and outcomes in Malawi. **Implementation Science (submitted March '13)**

Mwinjiwa E, Isaakidis P, Van Den Bergh R, Harries AD, Bezanson K, Thompson C, Joshua M, Akello H, Beyene T and van Lettow M. Burden, Characteristics, Management and Outcomes of HIV-infected patients with Kaposi's sarcoma in Zomba, Malawi. **Public Health Action (in press)**

Argarwal M, Bourgeois J, Matengeni A, Bezanson K, van Schoor V and van Lettow M. Lessons learned from updating a database of patient level ART data covering multiple and remote facilities in Zomba District, Malawi. **Public Health Action (in press)**

Bedell RA, van Lettow M, Landes M. Women's attitudes to HIV testing, disclosure and the involvement of male partners in a rural district of Malawi with high HIV prevalence **AIDS Care, submitted**

van Lettow M, Kapito-Tembo A, Kauna-Khanamwa B, Kanike E, Maosa S, Semba M, Joshua M, Ndovi L, and Cataldo F. Increasing the uptake of HIV Testing in Maternal Health in Malawi. **CIGI 2012**
<http://www.cigionline.org/sites/default/files/no5.pdf>

Cataldo F, Felix Limbani F and van Lettow M. Policy Brief - Addressing the Low Uptake of HIV Testing in Maternal Health in Malawi. **CIGI 2012** <http://www.africaportal.org/sites/default/files/CIGI-AI%20Policy%20Brief%203.pdf>

Landes M, van Lettow M, Chan AK, Mayuni, I, Schouten E, and Bedel R. Mortality and health outcomes of HIV-exposed and unexposed children in a PMTCT cohort in Malawi. **PLoS ONE 7(10): e47337**

Landes M, van Lettow M, Bedell R, Mayuni I, Chan AK, Tenthani L, Schouten E. Mortality and health outcomes in HIV-infected and HIV-uninfected mothers at 18-20 months postpartum in Zomba District, Malawi; a matched Cohort Study. **PLoS ONE 7(9): e44396**

Puchalski Ritchie LM, van Lettow M, Barnsley J, Chan AK, Joshua M, Martiniuk ALC, Schull MJ, Zwarenstein M. Barriers and Facilitators to lay health workers supporting TB treatment adherence in Malawi. **Int J Tuberc Lung Dis 2012 ; 16(11): 1492-1497**

Bedell R, Anderson S, van Lettow M, Chan AK, Åkesson A, Kumwenda M, Harries AD, Ramsay A. High prevalence of tuberculosis and serious bloodstream infections in individuals presenting for antiretroviral therapy in Malawi. **PlosOne 2012;7(6):e39347**

Tenthani, L., Cataldo F, Chan AK, Bedell R, Martiniuk A, and van Lettow M. Involving Expert Patients in Anti-Retroviral Treatment Provision in a Tertiary Referral Hospital HIV Clinic in Malawi. **BMC Health Services Research. 2012, 12:140.**

van Lettow M, Bedell R, Chan A.K, Gawa L, Gatto S, Mayuni I, Chibuye P, Bisika S. Uptake and outcomes of a prevention-of mother-to-child transmission (PMTCT) program in Zomba district, Malawi. **BMC Public Health 2011: 11: 426.**

Negin J, van Lettow M, Semba M, Martiniuk A, Chan AC, Cumming R. Anti-retroviral treatment outcomes among older adults in Zomba District, Malawi. **PLoS One. 2011;6(10):e26546. Epub 2011 Oct 21.**

Chan AK, van Lettow M, Tenthani L, Gawa L, Kadzanja A, Mnthambala A, Kambanji M. Outcome Assessment of a Dedicated HIV Positive Health Care Worker Clinic at a Central Hospital in Malawi: A Retrospective Observational Study. **PLoS One. 2011;6(5):e19789.**

van Lettow M, Chan A.K, Ginsburg AS, Thweya H, Gareta D, Njala J, Kanyerere H, Phiri S, Idana I. Timing and uptake of ART during treatment for active tuberculosis in HIV co-infected adults in Malawi. **Public Health Action 2011: 1(1):1-4**

Gawa L, Reid ME, Edginton M, van Lettow.M, Joshua M, Harries AD. Diagnostic Management and Outcomes of Pulmonary Tuberculosis Suspects admitted to a Central Hospital in Malawi. **Public Health Action 2011; 1:1, pp. 2-5(4)**

Kumwenda M, Tom S, Chan AK, Mwinjiwa E, Sodhi S, Joshua M and van Lettow M. Reasons for accepting or refusing HIV services among TB patients at a TB-HIV integrated clinic in Malawi. **Int J Tuberc Lung Dis 2011; 15(12):1663-9**

Chan AK, Mateyu G, Jahn A, Schouten E, Mlotha W, Kambanji M, and van Lettow M. Outcome assessment of decentralization of ART provision in a rural district in Malawi using an integrated primary care model. **Trop Med Int Health 2010; 15s1:90-97**

van Lettow M, Whalen C. Tuberculosis. In: Semba RD, Bloem MW, eds. Nutrition and Health in Developing Countries. **Totowa, NJ: Humana Press; second edition 2008; 275-306**

Semba RD, Kumwenda J, Zijlstra EE, Ricks M, van Lettow M, Whalen CC, Clark TD, Jorgensen L, Kohler J, Kumwenda N, Taha TE, Harries AD. Micronutrient supplements and mortality of HIV-infected adults with pulmonary TB: a controlled clinical trial. **Int J Tuberc Lung Dis. 2007; 11:854-9.**

van Lettow M, van der Meer JJM, West C, van Crevel R, Semba RD. Interleukin-6 and HIV load, but not plasma leptin concentration, predict anorexia and wasting in adults with pulmonary tuberculosis in Malawi. **J Clin Endocrinol Metab 2005; 90:4771-4776.**

van Lettow M, West C, van der Meer JJM, Wieringa F, Semba RD. Low plasma selenium concentrations, high plasma human immunodeficiency virus load and high interleukin-6 concentrations are risk factors associated with anemia in adults presenting with pulmonary tuberculosis in Zomba district, Malawi. **Eur J Clin Nutr 2005; 59:526-532.**

van Lettow M, Harries AD, Kumwenda JJ, Zijlstra EE, Clark T, Taha TE, Semba RD. Micronutrient Malnutrition and wasting in Adults with Pulmonary Tuberculosis in Malawi. **BMC Infect Dis 2004; 4:61**

van Lettow M, Kumwenda JJ, Harries AD, Whalen CC, Taha TE, Kumwenda N, Kang'ombe C, Semba RD. Malnutrition and the severity of lung disease in adults with pulmonary tuberculosis infection in Malawi. **Int J Tuberc Lung Dis. 2004; 8:211-217.**

van Lettow M, Fawzi WW, Semba RD. Triple Trouble: The role of malnutrition in tuberculosis and human immunodeficiency virus co-infection. **Nutr Rev 2003; 61:81-90**

PRESENTATIONS AT INTERNATIONAL SCIENTIFIC CONFERENCES

Presenting author

van Lettow M, Åkesson A, Martiniuk A, Ramsay A, Chan AK, Anderson S, Harries AD, Corbett E, Heydermann R, Zacharia R and Bedell R. Mortality among HIV-infected individuals presenting for antiretroviral therapy (ART) with unexplained weight loss, chronic fever or chronic diarrhea in Malawi. **43th Union World Conference on Lung Health, Kuala Lumpur, Malaysia. November 2012** (Oral presentation)

Landes M, van Lettow M, Chan AK, Mayuni I, Schouten EJ, and Bedell RA Mortality and health outcomes of HIV-exposed and unexposed children in a PMTCT cohort in Malawi. International AIDS Conference, 2012 – Washington (poster presentation)

Negin J, van Lettow M, Semba M, Martiniuk A, Chan AC, Cumming R. Anti-retroviral treatment among older adults in Zomba district, Malawi. **International Conference on AIDS and STIs in Africa**, Addis Ababa, Ethiopia. December 2011. (Oral presentation)

Beth Rachlis, Monique van Lettow, Farah Ahmad, Adamson Muula, Medson Semba, Donald Cole. Using concept mapping to explore why patients on antiretroviral therapy (ART) default and get lost to follow-up in Zomba district, Malawi. **Global Health Conference**, Montreal, Canada. Nov 12-15. (poster presentation)

Richard Bedell, Suzanne Anderson, Monique van Lettow, Anthony D. Harries, Elizabeth Corbett, Ann Åkesson, Adrienne Chan, Robert Heyderman, Moses Kumwenda, Rony Zachariah and Andrew R. Ramsay. High prevalence of TB and serious bloodstream infections in PLHIV presenting for ART in Malawi. **42nd Union World Conference on Lung Health**, Lille, France. October 2011. (Late breakers, oral presentation)

van Lettow M, Bedell R, Gawa L, Gatto S, Mayuni I, Chibuye P, Bisika S. Uptake and outcomes of a prevention-of mother-to-child transmission (PMTCT) program for 382 mother-child pairs in Zomba district, Malawi. **International AIDS Conference XVIII**. Vienna, Austria. July 2010. (Oral presentation)

Kumwenda M, Tom S, Chan A.K, Mwinjiwa E, Joshua M, and van Lettow M. Reasons to accept or decline uptake of HIV testing and counselling (HTC) and antiretroviral therapy (ART) by TB and TB/HIV co-infected patients at Zomba Central Hospital (ZCH), Malawi. **International AIDS Conference XVIII**. Vienna, Austria. July 2010. (Oral presentation)

Pinto AD, van Lettow M, Chan A.K, Sodhi S, Schouten E, Jahn A., Mlotha W. A cost-effectiveness analysis of centralized care versus decentralized care for HIV/AIDS in Zomba District, Malawi. **International AIDS Conference XVIII**. Vienna, Austria. July 2010. (Poster)

Bedell R, Chan AK, Bourgeois J, Kanyerere H, Schouten E, van Lettow M. Clinical features amongst ART patients who develop suspected TB early after initiation in a district in southern Malawi. TUPEB137. **5th International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention**. Cape Town, South Africa. July 2009 (Poster)

Chan AK, Njala J, Kanyerere H, van Lettow M. Improved uptake of Antiretroviral Therapy (ART) following integration of TB and HIV services in a district in southern Malawi. CDD062. **5th International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention**. Cape Town, South Africa. July 2009. (Poster)

Mateyu G, Chan AK, Jahn A, Schouten E, Mlotha W, Kambanji M, van Lettow M. Outcome assessment of decentralization of antiretroviral treatment (ART) provision in a rural district of Malawi. CDD063. **5th International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention**. Cape Town, South Africa. July 2009. (Poster)

Tenthani L, Chan AK, van Lettow M, Bedell R. An operational audit of task shifting using expert patients in a tertiary care ART clinic in Zomba, Malawi. **4th South African AIDS Conference**. Durban, South Africa. March 2009. (Poster)

Tenthani L, Chan AK, Mnthambala A, Kambanji M, Sodhi S, van Lettow M. Outcomes of a dedicated HIV positive Health Care Worker Clinic for treatment and management at a Central Hospital in Malawi. **4th South African AIDS Conference**. Durban, South Africa. March 2009. (Oral Presentation)

Sodhi S, Kambanji M, Chan AK, Mateyu G, Mnthambala A, van Lettow M. Evaluation of mortality and defaulter rates in patients receiving decentralized antiretroviral treatment (ART) at rural health centers in Zomba District, Southern Malawi. CDB0215. **International AIDS Conference XVII**. Mexico City, Mexico. August 2008. (Poster)

Kambanji M, Chan AK, Njala J, van Lettow M, Mnthambala A, Sodhi S. Challenges of implementing independent TB and HIV services in a district in Malawi. WEPE0081. **International AIDS Conference XVII**. Mexico City, Mexico. August 2008. (Poster)

Mayuni I, Thompson S, Bisika S, van Lettow M, Sodhi S. Experience and lessons learned in male partner involvement in prevention of mother-to-child HIV transmission (PMTCT) in Zomba District, southern Malawi. [abst] **XVII International AIDS Conference**, Mexico City, August 5, 2008. (Poster)

CURRENT RESEARCH PROJECTS

- 2013-2017 **Consultancy to Undertake the Evaluation of the Prevention of Mother to Child Transmission (PMTCT) Option B+ in Malawi.** Collaboration between Dignitas, MSH, CDC and Malawi Ministry of Health (MoH). Investigators include: Frank Chibwandira, Andreas Jahn (MoH), Beth Barr (CDC), Erik Shouten (MSH), Monique van Lettow, Joep van Oosterhout, Megan Landes (Dignitas)
Funding: CDC.
- 2012-2016 **Improving uptake and retention in PMTCT services through novel approaches in family supported care and in community peer-outreach support in Malawi.** Co-investigators: Lighthouse: Sam Phiri (PI). Co-investigators: MoH: Frank Chimbwandira, Michael Eliya; Dignitas International: Fabian Cataldo, **Monique van Lettow**, Megan Landes, Alex Martiniuk; University of Carolina: Mina Hosseinipour, Jacqueline Chinkonde-Nkhoma; Management Sciences for Health: Erik Schouten; University of Malawi: Levison Chiwaula, Atupele Kapito-Tembo.
Funding: WHO/CIDA
- 2011-2015 **Optimising Clinical Care Strategies and laboratory monitoring for Cost-effective Roll-Out of Antiretroviral Therapy in Africa: The Lab-Lite Project.** Co Principle Investigators: Fabian Cataldo (Dignitas International) and Diana M Gibb (MRC Clinical Trials Unit, UK). Co-investigators: Adrienne K. Chan, Sumeet Sodhi, Erik Schouten, **Monique van Lettow**, Raphael Piringu. (Dignitas International, University of Toronto, Management Science for Health, Malawi Ministry of Health)
Funding: MRC Clinical Trials Unit, UK
- 2011-2013 **Assessing the Impact of HIV/AIDS Service Delivery in Zomba District, Malawi: The Zomba District Observational Cohort Study.** Coinvestigators: Dignitas International, Zomba, Malawi: Sumeet Sodhi, **Monique van Lettow**, Michael Schull, Jean Bourgeois, Barry Burciul, Fabian Cataldo, Adrienne Chan; Department of HIV and AIDS, Ministry of Health Malawi: Andreas Jahn; Zomba Central Hospital: Martias Joshua.
Funding: CIHR
- 2011-2013 **Collaboration/Partnership between IUATLD, their partners in Malawi and Dignitas International for Vital Registration enhancement and Operational Research in Tuberculosis, HIV and Health System Strengthening.** Co-investigators: Dignitas International: **Monique van Lettow**. IUATLD: Prof Anthony D Harries.
Funding: IUATLD

RESEARCH STUDENT SUPERVISION

- 2012 **MPH Mentor, practicum supervisor, Kevin Bezanson**, MPH Epidemiology. Dalla Lana School of Public Health Field Research Practicum in Malawi.
- 2010-2013 **PhD Mentor, field supervisor, Beth Rachliss**, PhD research project. University of Toronto . Profiling defaulters from an antiretroviral therapy (ART) program and improving effectiveness and efficiency of patient tracing measures in Zomba, Malawi
- 2010-2013 **PhD Mentor, field supervisor, Lisa Puchalski Ritchie**, PhD research project. University of Toronto. What are the unique barriers and facilitators to TB/HIV treatment adherence operating in Malawi?
- 2011-2012 **PhD Mentor, field supervisor, Joel Negin**, part of PhD project. University of Sydney. HIV among older adults in Zomba District: patient characteristics, treatment outcomes and adherence among a neglected group
- 2010-2011 **Mentor**, Lucy Gawa, MPH practicum assignment, College of Medicine, Malawi. Conception, design and implementation of a (to be identified) case study.
- 2010 **Mentor, Field Supervisor, Stephanie Tom**, 2nd year MHSc, University of Toronto. Data analysis, presentation of results and manuscript writing, study entitled: "Reasons to accept or decline uptake of HIV testing and ART in HIV/TB co-infected patients at ZCH"
- 2010 **Mentor, Andrew Hughes**, research rotation, as a medical student at Johns Hopkins University. Research project: Retrospective Cohort Analysis of Early Infant Diagnosis of HIV at Zomba Central Hospital, Zomba District, Malawi.
- 2010 **Mentor, Field Supervisor, Beth Rachlis**, part of PhD project. University of Toronto. Conception, design and implementation of a qualitative study: Quality of life and patient cost and access related to decentralised ART services in Zomba district.

- 2009-2010 **Mentor, Field Supervisor**, Stephanie Tom, 1st year MHSc. University of Toronto. Conception and design of qualitative study: "Reasons to accept or decline uptake of HIV testing and ART in HIV/TB co-infected patients at ZCH"
- 2009-2010 **Field Supervisor**, *Andrew Pinto*, MSc Course (Health Policy, Planning & Financing). London School of Hygiene and Tropical Medicine. Conception and design of study; Comparing the cost and effectiveness of centralized care versus decentralized care for HIV/AIDS in Zomba, Malawi.
- 2009-2010 **Mentor**, *Paul Nyasulu*. MSc Biostatistic. Chancellor College, Zomba, Malawi. Internship on practical statistics.
- 2009 **Mentor/ Practicum Preceptor**, *Stephanie Gatto MHSc*, Faculty of Health Sciences, Simon Fraser University. Assessment and Analysis, Monitoring and Evaluation Prevention of Mother-to-Child Transmission of HIV.
- 2008 **Mentor**, *Lyson Tenthani*, MPH practicum assignment, College of Medicine, Malawi. Conception, design and implementation of a study, entitled: Task shifting - the role of expert patients in art provision in zomba An operational audit : Quality of life and patient cost and access related to decentralised ART services in Zomba district.

LANGUAGES

Dutch	(mother tongue)	French	(functional)	Chichewa	(functional)
English	(fluent)	German	(functional)		

REFERENCES: Available upon request