

PROFILE

An experienced epidemiologist in the field of infectious diseases. Strong affinity for novel, yet contextually relevant, methodological approaches for capturing public health needs and designing appropriate interventions.

Keywords: quantitative researcher, stamina, teacher, motivator, lifelong learner

EDUCATION

PhD	2005	University of Amsterdam , The Netherlands Infectious Diseases
MSc	2000	London School of Hygiene and Tropical Medicine , United Kingdom Epidemiology
DTMH	1993	Dutch Association for Tropical Medicine , The Netherlands
MD	1989	University of Amsterdam , The Netherlands Cum Laude

APPOINTMENTS

Current

2017-present	Associate professor , Department of Global Health, Amsterdam University Medical Centers, location AMC
2011-present	Senior Epidemiologist , Amsterdam Institute for Global Health and Development

Previous

2005-2010	Senior epidemiologist , KNCV Tuberculosis Foundation, The Netherlands
2000-2005	Clinical epidemiologist , International Antiviral Therapy Evaluation Center (IATEC), The Netherlands
1998-1999	Health Advisor Municipality of Zeist, The Netherlands
1994-1998	Medical Officer in-charge Misikhu Mission Hospital, Kenya Medical director of a 170-bed hospital in rural West Kenya. Yearly 11,000 in-patients and 30,000 outpatient visits

RESEARCH

Current projects

2016-present *WHOPen*

Assessing the syndemics of HIV, diabetes, hypertension, and mental health morbidities in Eswatini during the national scale-up of decentralized hypertension and diabetes care.

Role: Lead epidemiologist

2016-present *Progress*

A diagnostic study to assess the role of point-of-care tests for the diagnosis of urinary tract infection in elderly nursing home residents

Role: Lead epidemiologist

2016-present *Evolve*

A whole-genome-sequencing study to assess the magnitude of the accumulation of resistance-conferring mutations during inappropriate initial treatment for tuberculosis

Role: Lead epidemiologist

2016-present *The Ghana Tuberculosis Case Detection Project*

An impact evaluation for the Ministry of Economic Affairs to assess the effect on case notification of tuberculosis patients of introducing X-ray equipment with Computer-Assisted Diagnosis software to the National Tuberculosis Program of Ghana.

Role: Principal Investigator and Team Leader

Output

Number peer-reviewed articles: 120 (<http://publicationslist.org/f.vanleth>)

Including: New England Journal of Medicine, Lancet, Lancet Infectious Diseases, PLoS Medicine, American Journal of Respiratory and Critical Care Management, American Journal of Epidemiology

Number of citations: 4962 (Google scholar), **2990** (Web of science)

H-index: 32 (Google Scholar) **23** (Web of Science)

TEACHING / SUPERVISION

Curriculum development

Basic course in epidemiology and medical statistics

Geared towards visiting foreign PhD students from AIGHD-projects. Aim to get them up to speed with epidemiological concepts and analytical skills. Focus on the relation between theory and getting the idea into statistical software (STATA).

The course content currently forms the core of the quantitative learning track of the MSc Global Health offered jointly by the two Amsterdam Universities

Class work

- 2014-present MSc Global Health, University of Amsterdam/VU University.
Topics in epidemiology and data analysis using STATA
- 2006-2008 MSc Medical Anthropology, University of Amsterdam
The epidemiologic viewpoint on infectious diseases
- Occasionally BIUPAMA, Academic Medical Center, Amsterdam
Refresher course epidemiology infectious disease for military physicians

Supervision

- PhD Graduated: 7 Universities: Amsterdam (5), Utrecht (1), Bergen, Norway (1)
Current: 6 Universities: Amsterdam (6)
- MSc Yearly Master thesis MSc Global Health
- BSc Yearly Bachelor theses BSc Medicine

PhD examiner

University of Amsterdam (5), University of London (2), University of Copenhagen (1)

MANAGEMENT / GOVERNANCE

- 2011-2017 Member management team AIGHD
Formulate strategies for daily management of the institute based on the strategic policy of the Board of Directors.
Ensure cooperation of different units within the institute towards common (research) goals and general interest of the institute.

- 2011-2015 Head data management unit AIGHD
Formulate institutional data management plan incorporating responsibilities of staff and working procedures.
Restructure data management unit for efficient implementation of task
Attracting (senior) staff
Performance interviews

COMMITTEES / MEMBERSHIP

Committees / working groups

- 201t-present Chair TBnet
European consortium of clinical and operational TB research
- 2015-2017 Steering Committee TBnet, epidemiology chair
European consortium of clinical and operational TB research
- 2012-2014 Data Safety and Monitoring Board of SATVI H645 clinical trial
BCG delivery strategy
- 2009-2013 Data Safety and Monitoring Board of ANRS 12150b clinical trial
HIV medication with high doses rifampicin
- 2008-2011 HIV Monitoring working group
Assessment of study protocols requesting Dutch HIV-surveillance data
- 2007-2012 WHO Global Task Force on TB Impact Measurements
Facilitating national TB prevalence surveys in Africa and Asia
- 2006-2009 Steering Committee TBnet, epidemiology chair
European consortium of clinical and operational TB research
- 2006-2008 Data Safety and Monitoring Board of the TheraVac studies
HIV-vaccine studies

Editorships

- 2013-present Associate Editor *Journal of Epidemiology and Community Health*
- 2012-present Associate Editor *International Journal of Tuberculosis and Lung Disease*

Memberships

- Society for Epidemiologic Research
- Dutch Association for Epidemiology