

Curriculum Vitae Frank van Leth

frankvanleth.com

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

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|------|------|--|
| 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

2020-present **Associate professor**, Department of Health Science, VU university

Previous

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|-----------|---|
| 2017-2020 | Associate professor , Department of Global Health, Amsterdam University Medical Centers, location AMC |
| 2011-2020 | Senior Epidemiologist , Amsterdam Institute for Global Health and Development |
| 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

2020 *OASIS*

One-Health antimicrobial resistance surveillance using innovative sampling

Countries: The Netherlands, Germany, France, Togo, Burkina Faso

Role: Project leader / Lead epidemiologist

2018 *WHOPen*

Syndemics of HIV, diabetes, hypertension, and mental health

Countries: Eswatini

Role: Lead epidemiologist

2017 *Progress / ProgressPLUS*

Diagnosing urinary tract infections in elderly residents in nursing homes.

Countries: The Netherlands

Role: Lead epidemiologist / co-supervisor PhD student

2017 *Evolve*

Inappropriate initial tuberculosis treatment and resistance-conferring mutations

Countries: The Netherlands, Moldova, Ukraine

Role: Lead epidemiologist

Output

Number peer-reviewed articles: 128 (<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: 5985 (Google scholar), **3231** (Web of science)

H-index: 35 (Google Scholar) **25** (Web of Science)

TEACHING

Curriculum development

Epidemiology

Elective module in BSc Biomedical Sciences bridging the gap between experimental studies in biomedical sciences and observational studies in health sciences.

Advanced statistics

Elective module in BSc Health Sciences as an introductory course to analysis of clustered data, mediation analysis, and causal interpretation

Advanced topics in epidemiology and statistics in Global Health

Designed for the 2nd year of the Research Master Global Health. Three separate topics that are required expertise for those starting a research career in this area. One of the topics (sampling) is designed with elements of the flipped classroom with a strong emphasis on the understanding of key concepts.

Figure it out: Advanced quantitative course in Research Master Global Health

A 4-weeks elective for 2nd year students in the Research Master Global Health (from January 2021 onwards). The students address a research question by designing a study approach, analyze data that fit this approach, produce dissemination material, and provide policy recommendations.

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 formed the basis for the quantitative learning track of the Research Master Global Health offered jointly by the two Amsterdam Universities

Class work

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|--------------|--|
| 2021-present | BSc Biomedical Sciences, VU university Elective: epidemiology |
| 2021-present | MSc Health Sciences, VU university Elective: advanced statistics |
| 2020-present | Online course in epidemiology and biostatistics, VU university Deficiency course for entry at MSc Health Sciences |
| 2019-present | BSc Medicine, University of Amsterdam Appraisal of scientific literature |
| 2018-present | BSc Medicine, University of Amsterdam <i>Cholera in Yemen</i> (ethics around public health decisions) |
| 2014-present | MSc Global Health, University of Amsterdam/VU University Topics in epidemiology and data analysis using STATA |

COMMITTEES / MEMBERSHIP

Committees / working groups

- 2022-present Adjudication committee MTBVAC203
Validating RCT endpoints
- 2020-2021 International Scientific Committee EEAC-Interact
Conference preparation
- 2017-2020 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*
- 2012-2020 Associate Editor *International Journal of Tuberculosis and Lung Disease*

Memberships

Dutch Association for Epidemiology (VVE)

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