

Curriculum Vitae

Andrea C. Farnham, MPH, PhD

Personal Data

Address: Swiss Tropical and Public Health Institute (Swiss TPH)
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Date of Birth: 12.5.1986

Nationality: USA

Civil Status: Married, one child, born 3.7.2020

Research ID: OrcID 0000-0002-0830-0927, Google Scholar ID ZqDDqo4AAAAJ&hl

Education

8/2014-11/2017 Ph.D. in Epidemiology & Biostatistics, University of Zurich, Zurich, CH
Defended 3.11.2017
Supervisors: Prof. Dr. Christoph Hatz, Prof. Dr. med. et phil. Milo Puhan
Title: *A study using a smartphone-app supported electronic survey and localization tracking to map health risk behaviors and incident health events of travelers.*

9/2010-5/2012 Masters of Public Health (MPH) in Epidemiology at Columbia Mailman School of Public Health, New York, NY, USA

5/2011-8/2011 International Research Summer Program with *Universidad Autónoma de Santo Domingo*, Santo Domingo, Dominican Republic

9/2004-5/2008 Bachelor of Arts (BA) in Biology and Spanish at Tufts University, MA, USA

Employment History

09/2021- Postdoctoral researcher, Epidemiology, Biostatistics, and Prevention Institute, Zurich, CH.

11/2017- Postdoctoral Scientific Collaborator, Swiss Tropical and Public Health Institute, Basel, CH.

7/2012-6/2014 Research Scientist, Bureau of Immunization Surveillance Unit, New York City Department of Health and Mental Hygiene, NY, NY, USA.

8/2011-6/2012 Research Intern, Bureau of Communicable Disease Foodborne Diseases Unit, New York City Department of Health and Mental Hygiene, NY, NY, USA.

5/2011-8/2011 Research Intern, *Centro Nacional de Investigaciones en Salud Materno Infantil* (CENISMI), Santo Domingo, Dominican Republic.

9/2010-4/2011 Intern, Student Surge Capacity for Outbreak Investigation, New York City Department of Health and Mental Hygiene, NY, NY, USA.

8/2008-8/2010 Clinical Research Assistant, Advanced Parenting Education in Pediatrics (APEP) Project, Tufts Medical Center, Boston, MA, USA.

Approved Research Projects

09/2021- Research Fund for Junior Researchers of the University of Basel: funding for the project "Digital data innovation in health impact assessment: new methods to track and respond to the migration and humanitarian crisis in Northern Mozambique"; Budget: CHF 79,889; Role: Principal Investigator

12/2019-12/2020 Swiss Programme for Research on Global Issues for Development (r4d) of the Swiss National Science Foundation (SNSF) and Swiss Agency for Development and Cooperation (SDC): Scoping phase for the project "Evidence to Policy (E2P) mobile app"; Budget: CHF 25,000; Role: Project lead & one of two main applicants

Teaching Activities

Swiss TPH, University of Basel, graduate and post-graduate courses (all are annual)

Autumn 2020 - Basic Statistical Modelling (PhD students (3 ECTS)); co-coordinator and co-lecturer (50%)

Autumn 2019 - Introduction to Biostatistics and Experiment Planning (MSc students (2 ECTS)); coordinator and main lecturer (60%)

Spring 2019- Effective presentation skills (MSc and PhD students (1 ECTS)); co-lecturer and organizer (50%)

Spring 2018- Introduction to R Statistical Software (PhD students (1 ECTS)); guest lecturer (15%)

Swiss Federal Institute of Technology (ETH Zurich)

Spring 2020- Health impact assessment: concepts and case studies (MSc students (3 ECTS)); guest lecturer

Board Membership and Scientific Reviewing Activities

6/2018- Member Digital Communications Committee (DCC) at the International Society of Travel Medicine (ISTM).

Scientific reviewer at the BMJ, BMC, Emerging Infectious Diseases, Journal of Travel Medicine, International Health, JMIR mHealth and uHealth, IJERPH, Sensors.

Scholarships and Awards

2014-2017 Béatrice Ederer-Weber PhD-Fellowship (3 year salary support for PhD)

July 2016 UZH representative, LERU Summer School "Data Stewardship for Scientific Discovery and Innovation," Leiden University, Netherlands

2004-2008 National Merit Scholar (Top 1% of incoming university students nationwide)

Software & Language Skills

Software: R statistical software, RedCap database building, SAS statistical software, Microsoft Access, Endnote and Mendeley bibliographic software, QGIS

Language: English (native), Spanish (fluent), German (proficient)

Career break

3/7/2020-1/11/2020 Maternity leave