Sarah R. Haile

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Education

2008	*Doctor of Philosophy in Biostatistics* University of Pittsburgh, School of Public Health* (Pittsburgh, PA, USA)
2003	*Bachelor of Arts in Mathematics* College of Wooster (Wooster, OH, USA)

Work Experience

4/2021–	**Biostatistician** (60%), Department of Epidemiology, Epidemiology, Biostatistics and Prevention Institute University of Zurich, Switzerland
4/2015–3/2021	**Biostatistician (postdoctoral researcher)** (50%), Department of Epidemiology, Epidemiology, Biostatistics and Prevention Institute University of Zurich, Switzerland
12/2013–2/2015	**Biostatistician** (50%), Clinical Trials Unit, Cantonal Hospital St. Gallen, Switzerland
7/2011–11/2013	**Biostatistician** (50%), Department of Biostatistics, Epidemiology, Biostatistics and Prevention Institute† University of Zurich, Switzerland *as a statistical consultant for the Clinical Trials Unit, Cantonal Hospital St. Gallen*
12/2008–6/2011	**Biostatistician** (100%), Department of Biostatistics, Epidemiology, Biostatistics and Prevention Institute† University of Zurich, Switzerland *as a statistical consultant for the Clinical Trials Center, University Hospital Zurich (50%), and the Clinical Trials Unit, Cantonal Hospital St. Gallen (50%)*
8/2003–8/2008	**Graduate Student Researcher**, National Adjuvant Breast and Bowel Project, Pittsburgh, PA, USA

Teaching Experience (2019 -)

2021–	Pyramid of Evidence (1.5 hours, part of workshop: Critical Appraisal of Published Clinical Studies for SIG Early Career of the Swiss Society of Pulmonology)
2020–	Analysis of Randomized Controlled Trials (12 hours, part of "Randomised trials – From lab experiments to large preventive trials" course of Master of Science in Biomedicine, at the University of Zurich)
2020–	Analysis of Randomized Controlled Trials (12 hours, part of "Introduction to Epidemiology" course of doctoral programs a) Epidemiology and Biostatistics, b) Clinical Science, and c) Care & Rehabilitation Science, as well as Masters in Biostatistics program at the University of Zurich)
2013–	Statistical Practice in Clinical Research (supervision of MSc student during semester long consulting project, compulsory module in Master Program in Biostatistics at the University of Zurich) (2013, 2014, 2016, 2017, 2019, 2024)

*Previously: Graduate School of Public Health
†Previously: Institute for Social and Preventive Medicine

2021 Planung der statistischen Analyse (4 hours, part of Mantelstudium: Verfassung einer wissenschaftlichen Arbeit at the University of Zurich)

2020 Model/variable selection and interpretation (3 hours, part of Methods Seminar for PhD program "Epidemiology and Biostatistics" at the University of Zurich)

Advising

Lisa Ruckstuhl MPH: Einfluss kantonaler gesundheitspolitischer Rahmenbedingungen und Aktivitäten auf die Influenza-Impfrate bei Patienten mit nicht übertragbaren Krankheiten in der Schweiz (2021, co-advisor)

Grants

Iten-Kohaut Stiftung Better tools for better estimates: Improving approaches to handling missing data in Swiss Cancer registries (CHF 50,000, 2 years 2022-2024, Principal Investigator)

Professional Activities

2024– Interim Senior Researchers and Teaching Staff (FFL) delegate to Crossdisciplinary Departments (Fachbereich Querschnittsfächer) of Medical Faculty UZH

Statistical Reviewer (alphabetically) *BMC Medical Research Methodology*, *BMJ Open*, *Clinical Rheumatology*, *Frontiers in Public Health*, *International Journal of Public Health*, *Journal of Applied Statistics*, *Journal of Clinical Oncology*, *PLOS ONE*, *Scientific Reports*, *Statistics in Medicine*, *Viruses*

Publications

116 peer-reviewed publications (44 publications 2020 - 2024)

publication lists at Google Scholar or pubmed

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Continuing Education

Causal Inference (2 days, M Serra-Burriel), Causal Diagrams (online, M Hernán), Bayesian inference using R-INLA (2 days, H Baaka), Concepts for Design of Clinical Trials (2 days, S-F Hsu-Schmitz), Statistical Issues in Drug Development (2 days, S Senn), Good Clinical Practice Course, Modules I–III

Computer Skills

Statistical Software R (including `tidyverse` and `ggplot2` packages), STATA, nQuery, SAS, SPSS

Other dynamic reporting (R markdown, quarto, `knitr`, Sweave), LaTeX, Linux (Ubuntu)

Languages

English (native), German (fluent, Goethe Zertifikat B2 *sehr gut* (2011))
French (intermediate), Spanish (beginning)

Zurich, Switzerland, November 12, 2024