



The Swiss Tropical and Public Health Institute (Swiss TPH) is a world-leading institute in global health with a particular focus on low- and middle-income countries. Associated with the University of Basel, Swiss TPH combines research, education and services at local, national and international levels. 900 people from 80 nations work at Swiss TPH focusing on infectious and non-communicable diseases, environment, society and health as well as health systems and interventions.

Within the Department of Epidemiology and Public Health (EPH), our Unit “Environmental Exposures and Health” (EEH) is focused on research related to the many environmental exposures: including air pollution, noise, airborne pollen, heatwaves, green space and electromagnetic fields. We are looking for a

PhD candidate in epidemiology (80-100%)

The PhD will focus on cognitive performance, behavior and symptoms in an on-going *epidemiological study on the health effects of radiofrequency electromagnetic fields (RF-EMF) in adolescents*. For this prospective epidemiological cohort study, we are currently recruiting 900 adolescents from 7th and 8th grade in Northwest and Central Switzerland with one year of follow-up. In a nested measurement study, objective sleep and personal RF-EMF exposure data is collected during one week.

- You will work in a multidisciplinary team of several students and collaborators within Swiss TPH.
- Together with the team, you will contribute to data collection including school visits.
- For the PhD thesis, you will conduct data management and data analysis, write scientific papers and present your results at national and international scientific meetings.
- Your work is part of an European consortium of similar children and adolescent cohort studies (GOLIAT: 5G expOsure, causal effects, and risk perception through citizen engagement).
- For complimentary advanced education you will have the opportunity to register in the PhD program in Epidemiology/Public Health of the University of Basel and the Graduate Campus of the Swiss School of Public Health (SSPH+).
- This PhD enables you to collect practical experiences in all aspects of complex epidemiological research.

You should have the following experiences and skills in:

- Master degree level in epidemiology, natural science, data science, statistics, informatics, geography, or a similar field of quantitative/empirical studies.
- Excellent English language skills (speaking and writing). German language skills is considered a strong asset for this position but not a requirement.
- Good knowledge of programming, data management methods, and quantitative analytical methods (preferably R or Stata) or a strong interest in developing such skills.
- Strong spirit of team work.
- Ability to work independently and flexibly using your good organizational skills.
- Broad interest in environment and health research and ambition to contribute to scientific progress as well as to performing societal relevant research.

What we offer:

- Meaningful work in an international environment
- A state-of-the-art workplace in our new building with its own canteen on the dynamic BaseLink site in Allschwil
- Interesting encounters with people from a wide variety of backgrounds
- Being part of a committed and motivated team with short information and decision paths
- Attractive employment conditions, versatile further education opportunities and mentoring

Swiss TPH an equal opportunity employer committed to excellence through diversity.

Please submit your application online via the link provided below with:

- Motivational letter
- CV
- Relevant certificates and diploma
- MSc course transcripts including grades
- Names and contact information (email or phone) of 2 references

Please note that we can only accept applications via our online recruiting tool:

<https://jobs.swisstph.ch/Jobs/All>

Applications via e-mail or external recruiter will not be considered.

There is no closing date for application, but we encourage applicants to submit their application as soon as possible. As long as the position is published on the website of Swiss TPH it is still open.

Job Profile:

Start Date: by arrangement

Location: Allschwil, Switzerland

Duration: limited, three years

Percentage: 80-100%

Salary: according SNF PhD salary scheme

Travel Required? No

Contact:

For further information please visit the websites of our institute (<https://www.swisstph.ch/en/>) and -- more specifically -- of our unit <https://www.swisstph.ch/en/about/eph/environmental-exposures-and-health/>

For additional information please contact Martin Rössli, PhD, Professor of Environmental Epidemiology, Head of the Environmental Exposures and Health Unit: +41 61 284 8383.