Short description of the applicants

PD Dr. sc. Nat Oliver Gruebner
Lecturer and Senior researcher in Epidemiology and Public Health. Faculty of Public Health and Medicine, University of Lucerne, Alpenquai 4, 6005 Lucerne, Switzerland, oliver.gruebner@unilu.ch

07/24	**Habilitation in epidemiology and public health**
	University of Zurich, Zurich, Switzerland
	Advisor: Prof. Milo Puhan (Epidemiology, UZH)
	Habilitation Title: *Applying digital and spatial epidemiology in public health research*
10/11	**Dr. sc. nat.**
	Humboldt-Universität zu Berlin, Berlin, Germany
	1st Advisor: Prof. Patrick Hostert (Geography, HU Berlin)
	2nd Advisor: Prof. Alexander Krämer (Public Health, University Bielefeld)
	Dissertation Title: *A spatial epidemiological approach on well-being in urban slums-evidence from Dhaka, Bangladesh*
07/06	**Dipl. Geographer** (equivalent to a Master's degree)
	Geography Department, Humboldt-Universität zu Berlin, Germany

AWARDS AND FELLOWSHIPS

01/2023	1st UZH Postdoctoral interdisciplinary Team Award (https://t.uzh.ch/1qG)
Since 06/23	Endorsed Fellow Swiss School of Public Health (SSPH+)
Since 10/18	Endorsed fellow Salzburg Global seminar, "Session 595 Building Healthy, Equitable Communities"
Since 01/18	Fellow Digital Society Initiative (DSI), UZH
Since 01/18	Fellow Wennberg International Collaborative
Since 05/17	Endorsed fellow Centre for Urban Design and Mental Health, London, United Kingdom

DESCRIPTION OF LEADER AND MANAGEMENT ACTIVITIES

I am a lecturer and senior researcher in public health and quantitative methods at the University of Lucerne, a member and course leader for the Swiss School of Public Health (SSPH+), and fellow with the Centre for Urban Design and Mental Health (UD/MH). I have initiated and served as the main supervisor for multiple BSc and MSc theses in the context of smart city, accessibility, and digital mental health in collaboration with colleagues from the University Children's Hospital Zurich and Swiss Health observatory (OBSAN).

Prior to my current position, I led the digital health geography group in the Geographic Information Visualisation and Analysis lab (GIVA), at the UZH Geography Department between 2020 and 2023. I was also a senior researcher at the UZH Epidemiology, Biostatistics, and Prevention Institute (EBPI) and the UZH Digital Society Initiative (DSI). My international, interdisciplinary, and diverse team successfully combines methodologies from geography and epidemiology, and we were among the first to use digital spatial epidemiological approaches to assess mental health risk in the disaster, urban, and social media context. For our interdisciplinary approach, we were awarded with the 1st UZH postdoctoral team award in 2023 (https://t.uzh.ch/1qG).

Furthermore, I lead the annual SSPH+ PhD level course on **Big Data in Public Health** (since 2020) and serve as the director of the annual international summer school program **Digital Spatial Epidemiology** (since 2017).

Also, I am proud to serve as the president of Duchenne Schweiz, a **patient organization** in Switzerland for patients and families affected by Duchenne Muscular Dystrophy.