



PhD position in experimental psychopathology and digital mental health in an SNF- funded consortium on suicidality (Start 1/9/22)

We are looking for a motivated and independent PhD candidate to join an active team of clinical scientists led by Prof Birgit Kleim and PD Dr Sebastian Olbrich at the Dept of Psychiatry and Psychology at the University of Zurich, UZH. The candidate will work in a large-scale SNF-funded interdisciplinary consortium on suicidality who will tackle pressing calls for precise prediction and effective treatment strategies for suicidal individuals. The project will predict suicidal ideation considering key linguistic, psychological, clinical and neurobiological features and develop smartphone-based intervention modules based on previous data and patient feedback.

The candidate will work in a stimulating international and interdisciplinary team. Main responsibilities include recruitment, data collection from clinical participants in an international multisite study, conceptualizing and planning experimental paradigms and applying innovative predictive modeling approaches, such as machine learning. He/She should have excellent organizational, communication and analytical skills and demonstrate the ability to perform quantitative research and statistical analysis, conduct psychiatric interviews, and manage large-scale databases. Proficiency in statistical software packages (e.g. R, Matlab, Python) is required.

What we expect from you

- Master in Psychology, Neuroscience, Medicine, Data Science or related field
- Pronounced interest in experimental psychopathology and digital methods (passive mobile sensing, smartphone-based assessments and analyses) and their application to psychopathology and intervention
- Excellent statistical and/or computational skills
- Experience and interest in training and supervising junior scientists (master, intern)
- Fluent English and/or German

What we offer

- Work in a friendly, interdisciplinary, international research team
- Training and mentorship by international experts in clinical methods, technologies, analysis methods, possibilities for international lab visits and collaborations
- Work in a clinical translational environment with excellent lab facilities, as well as a direct link to clinical treatment facilities of the largest Swiss psychiatric hospital
- A unique and stimulating learning environment for young researchers

Information about the Departments can be obtained at dppp.uzh.ch and psychologie.uzh.ch. UZH provides a vibrant and internationally renowned research community. Our team is affiliated with the Neuroscience Center (neuroscience.uzh.ch) and the Digital Society Initiative (dsi.uzh.ch).

Review of applications will continue until the post is filled. Please e-mail questions regarding the position or your application as PDF document to birgit.kleim@uzh.ch, including a cover letter; statement of research interest; CV with publication list, contact information of two academic referees.