



FORTHEM Collective Short-Term Mobility

Methodology for epidemiological/ psychological investigations, specifically for quality-of-life and resilience thematic

Organising university: University of Latvia (UL)

Location of the event: Riga, House of Science, UL, Jelgavas Str. 3, Riga, Latvia

Organisers: The organising team is planned to be from the UL. It will include the Head of International Relations of the University of Latvia (A. Gržibovska), an Alliance level contact person of the “Resilience, Life Quality and Demographic Change” Lab (L. Tzivian), and staff from the Faculty of Medicine (UL).

Project description: Proper planning and methodology of scientific research is one of the major problems of young researchers. The initial description and planning of the study should help students better understand their needs including aims and specific questions of the study. In contrast with more experienced researchers, students and young researchers are not always aware on methodological problems that can appear at the time of performing a study. This summer school will provide methodological instruments for planning, analysis, evaluation, discussion, and critical approach related to epidemiological/ psychological studies in the field of quality of life (QOL) and resilience.

Day by day programme:

Day (date if known)	Morning	Afternoon	Evening
Day 1, 17.05.2021	proper planning of a scientific research – methodological problems	survey studies in representative or convenience samples	problems related to translation of questionnaires in international studies
Day 2, 18.05.2021	cross-sectional versus longitudinal studies	questionnaire development and validation	qualitative studies, their interpretation
Day 3, 19.05.2021	bias and misclassification in epidemiological studies	a problem of confounding, Direct Acyclic Graphs	systematic reviews and meta-analyses
Day 4, 20.05.2021	use of epidemiological methods in QOL studies	use of epidemiological methods in resilience and demographic studies	social activity
Day 5, 21.05.2021	scientific discussion on the thematic of the Summer School		

Eligibility criteria and selection criteria specific to this project: The Summer School is planned for students and young researchers whose scientific interests include (but are not limited to) psychological, medical and sociological studies from the Master level and higher. One-page motivation letter is required for application.