

Position 2: Care ethics for AI: Ethical challenges of AI-based predictive diagnostics in dementia care

This dissertation project focusses on imaginaries of AI uses and applications in dementia care, with a particular focus on the predictive aspects of AI. It maps the ethical dimension of using AI-based predictive analytics in dementia care; debates the valuations and the diverse notions of ‘good’ in AI use for dementia prediction; and develops a model of ageing well for the era of predictive AI for dementia care. It uses mixed qualitative methods: discourse analysis of policy documents, expert interviews, and participant observations at public events. Applicants are encouraged to further refine the project’s scope to align it with their research interests and the current state of the art in their research field as part of the essay they submit during the application.

Host institution: Karl Landsteiner University (KL), Austria

Preferred start date: October 2026

Contract duration: 36 months full-time

Supervisors: Assist.Prof. Vera Gallistl (KL), Prof. Giovanni Rubeis (Universitätsmedizin Greifswald)

Secondments: Open University of the Netherlands (Netherlands), Technical University of Vienna (Austria), VTT Technical Research Center (Finland)

Additional information

Karl Landsteiner University of Health Sciences (KL) is part of an academic and research community located at the Campus Krems, and located approximately one hour from Vienna, Austria. The university offers degree programs in Human Medicine and Psychology which are tailored to the requirements of the Bologna model, opening the door to new, cutting-edge interdisciplinary health professions. You can expect a challenging job in an internationally visible and highly motivated team -we offer flexible working hours, home office options, a paid lunch break, health care and many other benefits.

Successful candidates will participate in the interdisciplinary PhD program “Mental health and neuroscience” at KL: <https://www.kl.ac.at/de/studium-weiterbildung/phd-program-mental-health-and-neuroscience>. For successful applicants, tuition fees will be waived. As start of the PhD programme, PhD candidates go through an orientation phase where students commence their course work and conduct 1-day-long visits at all participating organizational units at KL. After 5 months, PhD students have to prepare a 5-page thesis project proposal and present this at the faculty-organized kick-off symposium. If successful, PhD students’ status will be confirmed and the PhD students will sign the study agreement. Each PhD student is supported by a local thesis committee (TC), which will consist of the PhD candidate, the thesis supervisor, two scientists (associate or full professor, at KL or external) and a mentor.

KL is dedicated to achieving a balanced mix of male and female academic and non-academic staff. Consequently, applications from female candidates are particularly encouraged. People with disabilities who meet the required qualification criteria are expressly invited to apply and are given special consideration.