

3-year PhD position:

Statistical network and data analysis in healthcare

We search for: Excellent young scientists with a master's degree or equivalent in statistics, physics, mathematics, computer science, or related fields. Ideally, you already have experience in working with health registry data and are eager to extend your knowledge in network analysis, data mining, and machine learning. The candidate must have a critical, open-minded and collaborative spirit.

We offer: A fully funded 3-year PhD position in an internationally renowned research group located in Vienna, Austria. The successful candidate will have the opportunity to work in close collaboration with researchers from the Karolinska Institutet in Sweden to develop and apply novel statistical data analysis techniques to improve our understanding of mental health of refugees based on extensive registry data.

Your profile: You should have collected relevant research experience during the completion of your Master Thesis or equivalent; you must be proficient in English both written and spoken. We expect you to have the proven ability to independently carry out data-intensive research in epidemiological or clinical research as exemplified by your past works that showcase your strong programming and mathematical skills. The position involves regular visits to and stays with our project partners at Karolinska.

Application: Candidates send their application material to cosy@meduniwien.ac.at with the subject line: "PhD Application: Mental health of refugees". Application material includes a CV, list of publications, a detailed research statement (why do you think you are an excellent candidate), and any additional material showing your mathematical excellence, computational skills, and creativity. Please, also include names and full contact addresses of at least one individual that is willing to write a letter of reference for you.

The position is available starting from January 2019 and will remain open until filled.

We are: The Section for Science of Complex Systems is a world-leading research group working in the theoretical foundations of complexity and its applications for science and society. We are a part of the Complexity Science Hub Vienna, a recently established center that seeks to become the focal point of complexity science in Europe. We seek to provide an exciting, creative environment free of bureaucratic constraints for open-minded visionaries who are brave enough to step out of mainstream science. Please, have a look at our websites to get to know us and our work:

<http://www.complex-systems.meduniwien.ac.at/about/>

<https://www.csh.ac.at>