



CENTER FOR MEDICAL DATA SCIENCE
MEDICAL UNIVERSITY OF VIENNA
Institute of the Science of Complex Systems

1+1+1-year PhD position in Medical Data Science Medical University of Vienna, Austria

We search for: Excellent young scientists with a master's degree or equivalent in statistics, physics, mathematics, computer science, or related fields. In the course of your studies, you should have had experience in large-scale data analysis, network analysis, machine learning or computational science. The successful candidate's responsibilities will include the development of epidemiological models informed by large-scale observational health data. The candidate must have a critical, open-minded and collaborative spirit.

We offer: A fully funded 1+1+1-year PhD position in an internationally renowned research group located in Vienna, Austria, on basis of the standard salary of the Austrian Science Fund FWF (€37,500 gross/year for 30h part time). The successful candidate will have the opportunity to work on data-driven modelling projects with direct applications in public health. You will work closely with researchers at the [Complexity Science Hub Vienna](#), with our clinical collaboration partners from the Medical University of Vienna as well as with stakeholders in the Austrian healthcare system.

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. Your aim is to acquire the ability to independently carry out data-intensive research for which you already possess strong programming and data analysis skills.

Application: Candidates send their application material to cosy@meduniwien.ac.at with the subject line: "PhD Application: Medical Data Science". Application material includes a CV, a list of publications (if any), 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 December 2024 and will remain open until filled.

We are: The Institute of the Science of Complex Systems is a world-leading research group working on 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:

<https://data-science.meduniwien.ac.at/en/institutes/the-science-of-complex-systems/>

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