

Three 3-Year PhD positions

Part time (30h)

Complexity Science Hub Vienna

€ 30,000 gross/year*

*according to the standard personnel costs and salaries of the Austrian Science Fund FWF



The [Complexity Science Hub Vienna](#) is a young research institution dedicated to a deeper quantitative and predictive understanding of complex systems for the betterment of society. We provide an exciting, creative, bureaucracy-free environment for open-minded visionaries who want to make a change and are brave enough to step out of mainstream science.

THREE 3-YEAR PhD POSITIONS ON MIGRATION COMPLEXITY

PhD TOPIC

The PhD candidates will become a part of a new research team focused on the study of the socio-economic implications of international migration for sending and receiving economies, and the dynamics of migrant networks. Its findings will be relevant for migration policy in Austria.

YOUR PROFILE

You have completed or are close to completing a master's degree or equivalent in a quantitative science (economics, computational social science, data science, computer science, network science, statistics, mathematics, human geography, and related fields), and you are interested in pursuing research on the topic of migration. Moreover, you

- have the ability to independently carry out data-intensive research as exemplified by your past work (e.g. your Master thesis);
- have strong programming skills (e.g., Python, R, Stata, MATLAB);
- have strong communication skills and are proficient in both written and spoken English;
- are enthusiastic about working in an interdisciplinary team;
- open-minded about learning skills outside your current specialization.

YOUR RESPONSIBILITIES

- You will conduct policy-relevant research on the topic of migration under the supervision of faculty and researchers at the Complexity Science Hub Vienna.
- You will spend 30h a week on your PhD project, including skill acquisition, research, writing, and research cooperation.
- You will become integrated into the scientific community of CSH Vienna. You will meet regularly with your supervisors to discuss progress and resolve problems, present your work in progress at CSH seminars and international conferences.
- You will conduct research that can be published in peer-reviewed journals.

WE OFFER

A position in a dynamic, creative, internationally oriented, appreciative, and open working environment. The variety of projects at the Hub will allow you to engage in new and hot topics and to collaborate with world renowned scientists.

The successful candidate will enroll in a doctoral program at one of the CSH-affiliated universities, such as the Technical University Vienna or Graz, Vienna University of Economics and Business, Danube University Krems, Central European University, or the University of Vienna.

APPLICATION

Please send your application material to office@csh.ac.at with the subject line "PhD Application Migration". Application material includes a CV, a list of publications (if applicable), and a one-page vision letter (What is your vision for scientific research? What would you like to discover in your future scientific life? Why are you interested in the topic of migration?), and any additional material demonstrating your creative thinking, mathematical excellence, and computational skills. Please also include names and full contact addresses of at least two individuals that are willing to serve as your referees. The evaluation of applications will start in February 2022, but the call will remain open until the positions are filled.

CSH is committed to the principle of equal employment opportunity for all applicants. All employment decisions are therefore based on job requirements, qualifications, merit, and organizational needs. We strongly encourage individuals from underrepresented groups to apply.

We process your personal data in accordance with the law (<https://www.csh.ac.at/data-protection/>).