



Research Assistant (Doctoral Candidate) (f/m/x)

Area Supply Chain Management



Photo: Thomas Jösel

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

In the Area of Supply Chain Management, we analyse and optimize supply chains and publish our results in international journals. In research, we work closely with other international universities, the ECONtribute Cluster of Excellence, and the Center for Social and Economic Behavior. One focus is on the use of state-of-the-art approaches in the fields of analytics, machine learning and optimization of real-world problems.

YOUR TASKS

- » Conduct original research to investigate behavioral dynamics in Supply Chain Management
- » Explore and integrate emerging technologies, such as AI, blockchain, or IoT, in behavioral studies in Supply Chain Management
- » Publish research findings in leading international journals
- » Teach in the field of Supply Chain Management
- » Cooperate with international universities

YOUR PROFILE

- » Master's degree in Economics, Supply Chain Management, or a comparable discipline, with a strong foundation in behavioral economics or operations management
- » Proficiency in quantitative research methods, including statistical analysis, game theory, experimental design, and optimization techniques relevant to supply chain analysis
- » Familiarity with data analysis tools such as R, Python, Stata, or MATLAB
- » Experience in conducting research that applies behavioral theories to management challenges, demonstrated through a thesis, publications, or conference presentations
- » Strong interest in understanding human decision-making processes in supply chain contexts
- » Highly motivated and intrigued by challenging tasks
- » Ability to work in a team and good communication skills
- » Commitment to delivering outstanding research outcomes
- » Fluent in English

WE OFFER

- » Opportunity to pursue a doctorate at a Faculty with an excellent international reputation
- » Preparation for an academic career or advanced position in business
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available from 1 July 2025 on a part-time basis (29,87 hours per week). The contract is limited to four years, with the possibility of an extension. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications and without a photo under: <https://jobportal.uni-koeln.de>. The reference number is Wiss2503-06. The application deadline is 14 April 2025.

For further inquiries, please contact Professor Dr Yingshuai Zhao (yingshuai.zhao@uni-koeln.de) and take a look at our [FAQs](#).

