

Collaborative Research Centre (CRC) 1459 Intelligent Matter Fellowships available

Intelligence is the ability to perceive information and to retain it as knowledge to be applied towards adaptive behavior in a changing environment. The CRC 1459 is inspired by the question whether synthetic matter can have intelligent properties. Such intelligent matter would provide entirely new opportunities for instance for the development of artificial skin, soft robotics with adaptive tactility, and brain-inspired computing with reduced energy consumption.

In this context, the CRC 1459 Intelligent Matter: From responsive to adaptive Nanosystems is offering

a limited number of short-term fellowships within research labs of our project leaders specifically for talented and motivated international doctoral or master students.

These fellowships will be awarded only to incoming international students for a **maximum of 12 months** to conduct research on a specific project within the labs of our project leaders at WWU Münster or the two partnering institutions ([Research \(uni-muenster.de\)](http://Research.uni-muenster.de)). Extension of the stay and continuation as a doctoral researcher within the respective group is possible depending on availability.

Requirements and Eligibility:

- Highly qualified and motivated individuals holding a BS or MSc degree in chemistry, physics, biology or a related subject.
- Knowledge of experimental or theoretical methods required in our research projects.
- Independent and responsible work attitude.
- High motivation and team spirit especially in an interdisciplinary environment.
- Excellent command of spoken and written English.
- Good communication skills.

What we offer:

- A vibrant, interdisciplinary environment with outstanding facilities and a track record of intense and successful scientific collaboration.
- Individual training through research, participation in lectures, seminars, workshops, and symposia.
- Membership in the structured CRC1459 research training group, which offers an outstanding infrastructure and a comprehensive and interdisciplinary training program on the conceptualization and realization of intelligent matter.
- Possibility to carry out frontier research and empowerment for future research and management tasks in industry and academia.

If interested, we encourage applicants to please send their complete CV along with a cover letter, a short research plan, as well as a reference letter **directly to respective CRC1459 project leaders!**