

Fellowship Program STEM Didactics



OBJECTIVE

To support young academics interested in researching STEM Didactics



DURATION

Since 2016

Good teachers aren't just experts in a particular subject; they're also experts in explaining it to students. Considering this universities have made didactics a core component of their teacher training programs. Deutsche Telekom Stiftung supports this mission. Its Fellowship Program STEM Didactics strengthens research and teaching in STEM didactics and raises the profile of the various didactical disciplines.

Deutsche Telekom Stiftung grants up to nine fellowships a year to exceptional young researchers who are planning or carrying out postdoctoral research on didactics in mathematics, physics, chemistry, biology, computer science, engineering and elementary school science. The foundation also accepts applications from teachers with doctorates who have worked in schools, but now want to return to academia. Fellows receive financial assistance as well as support with their personal and professional development for up to three years.

The fellowship targets three different stages in a researcher's career. The Junior Fellowship supports doctoral candidates who are wrapping up their dissertation or who recently received a doctorate. This one-year fellowship enables them to finish their dissertation and/or prepare for postdoctoral research. The Senior Fellowship is open to young EdDs or PhDs with concrete postdoctoral projects. It pays for grant positions and provides three years of project funding. Finally, the Associate Fellowship targets postdoctoral researchers who already have positions. It pays for expenses such as conference attendance, research abroad and collaborations.



Photo: Sascha Kreklau

Education majors learn best practices for teaching STEM subjects through didactics.

EXCELLENT RESEARCH IN SUBJECT SPECIALIZATION IS ESSENTIAL FOR TRAINING GOOD TEACHERS.

Fellows receive conceptual support and access to the foundation's extended network. This includes seminars and workshops on issues such as negotiating professorship contracts, advising doctoral candidates and leading groups. The fellows also network with one another and collaborate in self-directed forums.

The foundation's expert committee selects fellows whose research projects are scientifically rigorous, particularly if they have the potential to improve day-to-day teaching. The committee members also consider the applicant's personal qualifications and his or her experience and ability to research and teach in an international context.

More information:
www.telekom-stiftung.de/en/fellowship

CONTACT

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DEUTSCHE TELEKOM STIFTUNG

Deutsche Telekom Stiftung was established in 2003 to strengthen Germany's position as an education, research and technology leader. It is one of the country's main corporate foundations with an endowment of EUR 150 million. Deutsche Telekom Stiftung's mission is to improve education in the digital world concentrating on the so called STEM subjects science, technology, engineering and mathematics. It focuses on four core areas: Education Drivers, Education Opportunities, Education Innovations and Education Dialog.

In Education Drivers, the foundation supports people who inspire others to study STEM subjects. Education Opportunities involves projects to prepare children and teenagers to succeed in STEM fields and participate fully in our connected world. In Education Innovations, the foundation invests in researchers and teachers who specialize in STEM subjects. Finally, Education Dialog comprises all the projects in which the foundation works with policymakers and civil society to improve education in a digitized world.