



The labs of Prof. Büschges and Prof. Blanke are looking for a joint doctoral candidate!

We are looking for a doctoral candidate with a strong interest in the fundamentals of insect locomotion including motor control and/or kinematics/kinetics. Your studies will be part of the international and collaborative **NeuroNex** project (<https://case.edu/neuronex/>) aimed at investigating and comparing principles in animal motor control.

To contribute to this project, you will be combining cutting-edge techniques from the research fields of neuroanatomy and quantitative analysis of legged locomotion in the fruit fly to unravel how the central nervous system controls flexible and adaptive motor behavior. You will join two highly dynamic research groups in the fields of locomotion and biomechanics with experience studying both vertebrate and invertebrate mechanical systems. Prior knowledge and competence in motion analysis and/or biomechanics, as well as programming or statistics skills are welcome but not mandatory. As a doctoral candidate, you will be associated with the structured graduate programs at UoC (<https://portal.uni-koeln.de/en/doctoral-candidates>).

The graduate student position (65% TV-L-E13) is presently open and initially limited to three years. Women will be considered in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also explicitly welcome applications from individually challenged people with special needs or of equal status.

If you are interested, please send your CV and a letter of motivation as one PDF to **bueschges-office@uni-koeln.de** or the physical address given below until May 31st, 2021. Identify your application with “wiss2104-19”.

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