



PhD Program between the Freie Universität Berlin (FUB) and the China Scholarship Council (CSC)

Open PhD Position at Freie Universität Berlin, offered only to Chinese CSC scholarship candidates 2019

Please Note: this PhD position is only offered to Chinese PhD candidates for the application in the framework of the FUB-CSC PhD Program.

<u>Department/Institute:</u>	BCP, Institute of Biology
<u>Subject Area:</u>	Evolutionary Biology
<u>Name of Supervisor:</u>	Prof. Dr. Jens Rolff
<u>Number of Open PhD Positions:</u>	2
<u>Type of the PhD Study:</u>	Full-time
<u>Project Title:</u>	1. Evolution: Bacteria-Insect Interactions 2. Evolution of Insect Antipredator Defense

PhD Project Description:

Project 1: The project will be in one of three areas:

- evolution of insect immune function
- evolution of bacterial resistance against (insect) antimicrobials
- evolutionary ecology of insects

Methodological approaches can include: genomics, transcriptomics, gene knock-downs, experimental evolution, microfluidics, modelling.

Project 2: Tba

Language Requirements:

IELTS: 6,5 / TOEFL: 95 ibt (language of study is English)

Academic Requirements:

Candidates should hold an MSc degree in Biology. Relevant experience in one of the following areas: evolution, entomology, insect immunity, microbiology

Information of the Professor or Research Group Leader:

<http://rolffevolution.net/>

https://scholar.google.co.uk/citations?view_op=search_authors&mauthor=jens+rolff&hl=en&oi=ao

Please Note: In a first step, the complete application should be submitted to the Beijing Office for evaluation by January 4th, 2019. Please do not contact the professor before. He/she will get in contact with you after having received the complete application via the Beijing Office in January.