



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

### Open PhD position at FUB for CSC scholarship candidates 2018

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

<b><u>Department/Institute:</u></b>	Department of Biology, Chemistry, Pharmacy / Institute of Biology
<b><u>Subject area:</u></b>	Evolutionary Biology, Entomology
<b><u>Name of Supervisor:</u></b>	Prof. Dr. Jens Rolff
<b><u>Number of open PhD positions:</u></b>	2
<b><u>Type of the PhD Study:</u></b>	Full-time
<b><u>Project title:</u></b>	Evolution: bacteria-insect interactions

#### **PhD Project description:**

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.

#### **Language requirements:**

IELTS: 6.5 or TOEFL: 95 ibt.

#### **Academic requirements:**

Candidates should hold a 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/>

**Please note:** In a first step, the complete application must be submitted to the Beijing Office for evaluation by January 4<sup>th</sup>, 2018. 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.