

PhD scholarship in the project:

Successful migration - are passerine birds trading maintenance of body temperature off against water conservation?



In this project, we aim to answer questions concerning the problem of phenotypic adjustments in small passerines that occur during migration. We will quantify energy metabolism and evaporative water loss in conjunction with measurements of body temperature in response to acclimation or acclimatization to different ambient temperatures to experimentally test the **hypothesis that successful migration of small birds is constrained by the ability to effectively dissipate heat and the need to conserve water.**

The successful candidate will be expected to contribute to the empirical research, analyze physiological data, write manuscripts and contribute intellectually in the development of the project.

After being accepted the successful candidate will have to pass the recruitment procedure for the doctoral studies at the Faculty of Biology and Environmental Protection at the Nicolaus Copernicus University in Toruń (early September).

Institution: Nicolaus Copernicus University, Toruń, Poland

Value:

- PhD scholarship for 36 months, 4000 PLN /month (tax free)
- beginning of the employment: between 1.05.2018 and 1.10.2018 (negotiable)

Requirements:

- Master's degree in biology or ecology or relevant field
- Strong motivation for research work
- Strong English communication skills
- Ability to work as a team member
- Ability of independent and critical thinking

Desired skills: Qualifications to work with living vertebrates, experience in animal respirometry, experience in work with birds, a proven track record of academic excellence, proficiency in statistical analysis

The position will remain open until filled.

A first assessment of applications will be conducted in May 2018

To apply email the following information to **Dr. Michał S. Wojciechowski** (mwojc@umk.pl):

- CV
- A cover letter (2 pages max) explaining, among others, your reasons for wanting to do PhD in this project and information on how your skills will be relevant to the project
- A copy of your academic record
- Contact details for at least one (may be more) potential reviewer

For more details please contact:

Dr. Michał S. Wojciechowski

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