

LERU STudent REseArch Mobility Programme (STREAM) Project proposal

Host University: Leiden University

Main Research Field (drop-down list): 13.1 Biology

Specified field, subject:

Ecology, Biochemistry, Biology

Research project title:

Evolutionary Developmental Biology

Possible starting month(s):

Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
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The exact duration needs to be determined in consultation with the Research Project Supervisor.

Possible duration in months:

Minimum : 3 months

Maximum: 2 semesters

Suitable for students in: Bachelor level Master level

Prerequisites:

- Preferably some experience with molecular biology.
- Minimum GPA 3.2 out of 4

Description:

We seek to understand the molecular and developmental basis of evolutionary change. As model organism we use the red flour beetle *Tribolium castaneum*. By comparing its development to *Drosophila* and other insects, we can infer what changes happened in the respective evolutionary lineages. Current research focuses on the role of the serosa, the immune defence and cell adhesion.

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Faculty: Science

Faculty Department: [Leiden Institute of Biology](#), Evolutionary Biology.

Deadline for nomination to reach host university:

1 April or else 1 October.

Please note: Due to the COVID-19 situation and measures taken, we expect to offer this project again per **Spring 2022**. However, the project might be cancelled if empirical research in the institute is impeded by COVID-19.

Notification of admission given by the end of:

Approximately 6 weeks after receipt of the application.

Additional information:

Number of placements available: 1 per semester.

Contact person:

Ms. Usha Mohunlol - Student and Educational Affairs - Coordinator LERU
STREAM

Contact email:

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