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
- Dec
- Jan
- Feb
- Mar
- Apr
- May
- Jun
- Jul
- Aug

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

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