



## **ANNOUNCEMENT HUMBOLDT-THEMENKLASSE**

### **CANNABIS RESEARCH CLASS by Aurora an der Lebenswissenschaftlichen Fakultät der HU Berlin**

For the summer semester 2020, Aurora Europe GmbH is sponsoring 15 scholarships for the Humboldt-Themenklasse "Cannabis Research Class". In the Themenklasse, students from various disciplines work for one year under the supervision of the Faculty of Life Sciences on interdisciplinary projects on the subject of medical cannabis.

In interdisciplinary teams, the scholarship holders independently develop research projects and jointly implement them - from brainstorming to the conception, planning and implementation of the research to the public presentation of the results. The work of the Themenklasse is accompanied and supported by scientists from the Life Sciences Faculty of the Humboldt-Universität zu Berlin. For successful participation, scholarship holders in the Themenklasse receive five credit points per semester.

#### **TOPIC AND RESEARCH AREAS**

Starting in April 2020, students will have the opportunity to work on the following research projects in the Cannabis Research Class.

##### **1. Cultivation and biology**

- Biology and ecophysiology of Cannabis Varieties Indica and Sativa
- Influence of external stressors (light quality, dryness, etc...) on secondary and medically relevant ingredients
- Factors influencing the ingredients (THC, CBD, Cannabichromen) in cultivation

##### **2. Legalization / economy**

- History of medicine
- Legal and economic conditions for the cultivation and prescription of medicinal cannabis

##### **3. Use and effect**

- Psychoactive effects
- Effect in pain therapy
- Further medical applications

## APPLICATION

We invite students from all disciplines, in particular life sciences, natural sciences, social sciences and cultural sciences, to conduct interdisciplinary research on the subject.

Apply with your essay (max. 800 words) for a project of your choice and indicate another as an alternative (please state the numbers of the projects in the essay).

Please answer the following questions in the essay:

- To what extent has the topic "medical cannabis" played a role in your career and studies so far?
- What contribution can your studies make to the interdisciplinary treatment of these topics?
- Which research field(s) of the Themenklasse are you particularly interested in? Please explain your interest using a concrete example.

The form in which the questions are answered is left to the applicants: Whether an essay, a research exposé or a draft for a visualisation in the context of an exhibition - you decide which type of preparation seems most meaningful and suitable to you. Both your disciplinary competences and the interdisciplinary orientation of the proposed approach should become clear.

## PREREQUISITES

In addition to the general selection criteria of the Humboldt-Stipendium, such as good performance, the scholarship in the Humboldt-Themenklasse "Cannabis Research Class" requires the willingness to actively participate in the Themenklasse programme.

Project work begins with an obligatory, joint weekend workshop at the beginning of the summer semester to get to know each other and identify topics. Project work will be continued in meetings every fortnight. The meetings are also supplemented by further training workshops and events. Participation in the Humboldt-Themenklasse requires at least two hours of work per week in summer semester 2020 and winter semester 2020/21 (at times more).