Ich brauche einen Fördermittelantrag zum Thema Einsatz von KI in der Ausbildung von Psycholog:innen.

Unsere Idee ist: Wir geben Seminargruppen im Fach „Grundlagen der Informatik“ und in „Grundlagen der Psychologie“ in jeweils drei Subgruppen, die identische Lehrmaterialien erhalten. Die Teilnahme an Gruppe B und C ist freiwillig und geblindet. Teilnehmende wissen nicht ob sie in Gruppe B oder C sind.

* Gruppe A wird traditionell in Interaktion mit Menschen ausgebildet. Dabei lesen Studierende ein Buchkapitel und diskutieren mit Dozent:innen einmal wöchentlich was sie gelernt haben.
* Gruppe B hat zusätzlich Zugriff auf einen ChatBot der auf ChatGPT basiert
* Gruppe C hat Zugriff auf einen ChatBot, der auf ChatGPT basiert und Zugriff auf die traditionellen Trainingsmaterialien hat

So ein Experiment geht 4 Monate (1 Semester) und es finden Befragungen am Anfang, in der Mitte und am Ende des Semesters statt um zu überprüfen, wie viel die Studierenden über die Thematik wissen. Das Experiment wird dreimal wiederholt, jeweils im Sommersemester. Gruppe C wird in jedem Jahr mit einem anderen ChatBot konfrontiert, da wir diesen jährlich weiterentwickeln.

Arbeitspakete

* Entwicklung der Chatbots
* Durchführung der Ausbildung in vier zusätzlichen Seminargruppen
* Auswertung der Experimente, Publikation

Projektpartner:

* Dr. Julia Rohrer, Psychologin, Uni Leipzig
* Dr. Robert Haase, KI-Forscher, Uni Leipzig

Ich brauche den Antrag in diesem Formular:

**AEI-DFG Project Data Form**

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# General information on this form

Please note:

* Only list applicants, i.e. persons who apply for funding at their respective funding agency
* Do not indicate other cooperation partners
* Submitting this form via DFG´s submission system elan is mandatory. Please upload it as an additional document under “Other Attachments”.

# Project Details

|  |  |
| --- | --- |
| **Project Title and Acronym** | |
| *(please enter the title and Acronym of the project)* | |
| **AEI** | **Applicants**  *(please enter the respective applicants’ name/s,*  *affiliation/s)* |
| **DFG** | **Applicants**  (*please enter the respective applicants’ name/s,*  *affiliation/s)* |

# Supplemental Information on Research Context

# *🡪 You need to add any relevant “supplementary information on the research context” (under other attachments in elan) in line with the “Proposal Preparation Instructions - Project Proposals” (i.e. chapter 4 of DFG form 54.1;* [*www.dfg.de/formulare/54\_01*](http://www.dfg.de/formulare/54_01)*). This includes in particular the following points (see below).*

*🡪 Please tick off for every point mentioned below whether it is relevant for your project or not. Every time you check “Yes” in one of the boxes, enclose a document with further information under other attachments in elan)*

|  |  |
| --- | --- |
| 1. **A statement by an ethics committee is required in Germany and abroad.** If an ethics vote is required for the German or foreign part of the project, it must be submitted with the application. However, an ethics vote by the local German ethics committee can, as an exceptional case, be submitted no later than three months upon proposal submission. Otherwise, the funding organisations may stop processing the application. Please note that the submission of an ethics vote is also necessary if only the project part abroad is affected, as it is a cooperation project. | **YES**  **NO** |
| 1. **The project includes investigations involving experiments on humans or human materials.** If yes, please describe the ethical and/or legal aspects of the experimental design: criteria for the selection of test persons, justification of the number of test persons or sample size, description of potential risks and precautions taken, explanation provided for test persons and method of informed consent. Note that an ethics committee vote may have to be included as well. The use of human material obtained for diagnostic purposes also requires a statement by the chair of the local ethics committee. | **YES**  **NO** |
| 1. **The project includes investigations involving experiments on animals.** Note that in addition to accepting the formal obligations in part A with regard to compliance with the regulations and provisions of the German Animal Welfare Act and the German Experimental Animals Ordinance, the planned animal experiments must be described. Please explain how the principle of the 3Rs (replacement, reduction and refinement) will be implemented with regard to various aspects of scientific validity. Additional information and guidelines are available in the publication Animal Experimentation in Research: The 3Rs Principle and the Validity of Scientific Research. | **YES**  **NO** |
| 1. **The project includes investigations involving genetic resources (or associated traditional knowledge) from a foreign country.** Descriptions of projects involving genetic resources (or associated traditional knowledge) from a foreign country. For research conducted abroad involving biological materials (or associated traditional knowledge) or research on biological objects originating from outside Germany, note that such projects may be subject to the regulatory requirements of the Nagoya Protocol under the Convention on Biological Diversity and the access and benefit-sharing (ABS) portions contained therein. Guidance on conducting such projects can be found, for ex-ample, in the publication “Proposals for Research and/or Development Projects Involving Access to Genetic Resources and/or Traditional Knowledge Associated with Genetic Re-sources”, published by the DFG Permanent Senate Commission on Fundamental Issues of Biological Diversity: [www.dfg.de/en/dfg\_profile/statutory\_bodies/senate/biological\_diversity](http://www.dfg.de/en/dfg_profile/statutory_bodies/senate/biological_diversity). Please comment on the ABS requirements that affect your project and indicate any steps you have taken or plan to take to fulfil these requirements. Discuss the role of your project’s cooperation partner with regard to the provider country (the country providing access to the material/traditional knowledge). Explain what materials may be transported to Germany. Note that in addition to access and benefit-sharing agreements with the provider country, a declaration of due diligence may also be required in line with the German law “Gesetz zur Umsetzung der Verpflichtungen nach dem Nagoya-Protokoll und zur Durchführung der Verordnung (EU) No 511/2014 sowie zur Änderung des Patentgesetzes”. | **YES**  **NO** |
| 1. **The project includes investigations involving dual use research of concern, foreign trade regulations.** Please check whether there are indications in your planned research project that possible research results could produce knowledge, products or technologies that might be directly misused for significant harmful purposes (Dual Use Research of Concern, DURC). If there are such indications, please familiarise yourself with the recommendations issued by the DFG and Leopoldina on handling security-relevant research (see DFG and Leopoldina Handbook on Freedom and Responsibility in Research, Recommendations for Handling Security-Relevant Research, last revised 28 May 2014). In your proposal, describe how the risk/benefit ratio is to be assessed and what measures are planned to minimise the risk. If due to the regulations at your university or research institution, an ethics committee for security-relevant research (KEF) or a comparable body is to be involved in advance and asked to issue a statement on the project, please include this statement with the proposal. For further information, see the DFG website on handling security-relevant re-search. Projects must comply with foreign trade regulations (especially the War Weapons Control Act [Kriegswaffenkontrollgesetz], EC Regulation No. 428/2009 [EC Dual Use Regula-tion], the Foreign Trade and Payments Act [Außenwirtschaftsgesetz], the Foreign Trade and Payments Ordinance [Außenwirtschaftsverordnung] or embargo regulations) relating to the non-proliferation strategy and the handling of potentially critical goods, including technologies, software and sensitive knowledge transfer; applicants are advised to examine their projects accordingly. Information for researchers is available on the web-site of the German Federal Office for Economic Affairs and Export Control (BAFA)2. If you require further clarification, please contact BAFA directly. For projects subject to licensing, please note that licences must be obtained from the responsible authority prior to beginning research on the project. | **YES**  **NO** |
| 1. **Risks in international cooperation.** International scientific cooperation is one of the basic principles of research. However, it is essential, particularly in the case of cooperation with researchers in countries where misuse of certain research results is to be suspected, to take potential opportunities for abuse seriously, place them in perspective with the benefits of such cooperation and make informed trade-off decisions. Where applicable attach a separate document in which you reflect on how the risk/benefit ratio is to be assessed with regard to the research subject, research partners and research conditions and what measures are planned to minimise risks. In doing so, please refer to the recommendations on “Dealing with Risks in International Research Cooperation” ([www.dfg.de/risiken\_int\_kooperationen\_en](http://www.dfg.de/risiken_int_kooperationen_en)) and the aspects of assessment and reflection recommended in this paper. Further information can also be found at [Potential risks in international cooperation](https://www.dfg.de/de/grundlagen-themen/grundlagen-und-prinzipien-der-foerderung/sicherheitsrelevante-forschung/risiken-int-kooperationen-02) (in German). | **YES**  **NO** |
| 1. **Artificial Intelligence.** If, in preparing your proposal, you used artificial intelligence (AI) in the form of generative models for text and image creation, please disclose this fact in a scientifically appropriate manner in your proposal. For more information, see the “Research Integrity Portal” (available at [www.wissenschaftliche-integritaet.de/en/use-generative-models/](http://www.wissenschaftliche-integritaet.de/en/use-generative-models/)). | **YES**  **NO** |

# DFG - Requested Budget

🡪 Please only indicate the funds requested from the DFG.

🡪 Please note that the budget listed here should be the same as in the proposal document submitted to AEI and the entries in the DFG submission system elan.

**5.1 Basic Module**

**5.1.1 Funding for Staff**

*[Text]*

**5.1.2 Direct Project Costs**

**5.1.2.1 Equipment up to € 10,000, Software and Consumables**

*[Text]*

**5.1.2.2 Travel Expenses**

*[Text]*

**5.1.2.3 Visiting Researchers (excluding Mercator Fellows)**

*[Text]*

**5.1.2.4 Expenses for Laboratory Animals**

*[Text]*

**5.1.2.5 Other Costs**

*[Text]*

**5.1.2.6 Project-related Publication Expenses**

*[Text]*

**5.1.3 Instrumentation**

**5.1.3.1 Equipment exceeding € 10,000**

*[Text]*

**5.1.3.2 Major Instrumentation exceeding € 50,000**

*[Text]*

**5.2 Module Temporary Position for Principal Investigator**

*[Text]*

**5.3 Module Replacement Funding**

*[Text]*

**5.4 Module Temporary Clinician Substitute**

***[Text]***

**5.5 Module Mercator Fellows**

*[Text]*

**5.6 Module Workshop Funding**

*[Text]*

**5.7 Module Public Relations Funding**

*[Text]*

**5.8 Module Standard Allowance for Gender Equality Measures**

*[Text]*