

Application Guidelines for the Cooperative Research Program in 2024

The Center for the Evolutionary Origins of Human Behavior (EHUB) is recruiting researchers with the aim of elucidating human evolution through experimental studies of primates.

1. Eligibility Requirements for Applicants

Researchers, graduate students with Institute/University affiliations or equivalent as of April 1, 2024. Applications from graduate students and young researchers are encouraged.

2. Research Program Period

July 1, 2024 - March 31, 2025

3. Research Projects

There are two categories of research projects. Please refer to the pages starting from 4 for further details.

General Research (Research expenses are in part covered.)

Resource Use (No research expenses are covered.)

- General Research: Applicants can use the EHUB's resources, facilities, and equipment and should conduct their experiments and observation at EHUB.
- Resource Use: Applicants can mainly use the EHUB's research materials.

4. Application Documents

Applicants should submit their applications on Google form. Applicants should download the designated application sheet in the form about the aims and plans. Before the application, please consult with a prospective host (corresponding) researcher at EHUB carefully.

<https://www.ehub-kyoto-u.com/en/jurp>

5. Application Deadline

Sunday, June 2, 2024

*Except for applicants to the Resource Use who wish to begin their research after July 2024.

6. Research Allotment

All category allotments will consist of 1 principal researcher and supporting (collaborating) researchers (if needed). EHUB will ask about the supporting (collaborating) researchers after our selection.

7. Number of Applications

Applications are made for one project for one person.

8. The Prospective Host (Corresponding) Researcher at EHUB

Please contact the prospective host (corresponding) researcher (including the Program-Specific Professors) at EHUB in advance to apply for the expected research program and facilitate commencement of the research activity. Especially, please confirm the availability and the number of primate species if you wish to use the resources including the laboratory animals. For contact details, please refer to the EHUB web site.

9. Results

Selection will be done by the Cooperative Research Advisory Committee. We will contact successful applicants after decisions are made by the Center Management Committee. You will be notified about the results of your application sometime in late June 2024.

10. Graduate students, post-doctoral researchers or the equivalent

You must obtain your supervisor's consent and confirm your effort rate if you apply as a principle researcher. We may contact your supervisor for confirmation.

This program should be carried out under a framework of being monitored by a supervisor, host researcher or relevant staff member. A research representative or a supervisor should be held responsible for any unforeseen accidents. A supervisor must take all possible precautions to ensure the safety of students involved in the research.

11. Requirements after Selection

You may not be able to conduct the Cooperative Research Program if you do not meet the conditions necessary to conduct the research.

For research using laboratory primates, after adoption, applicants are required to submit various applications (application for animal experiments, application for genetic modification experiments, etc.), take educational trainings, and submit health certificates, etc. In addition, various applications may be required at the applicant's home institution. Depending on the research resources and research equipment to be used, it may be necessary to pay a fee for use or conclude a MTA (Material Transfer Agreement). All of these necessary conditions must be met before the start of the research. (it cannot be conducted during the application stage).

Applicants are advised to consult carefully with their prospective host (corresponding) researchers at EHUB before submitting an application, and to make preparations for a smooth start of research after the application is accepted.

12. Contact to Current Institution

It is the responsibility of the applicant to inform the applicant's current institution regarding commencement of the research project in advance.

13. Reports

The principal researchers of adopted projects must submit a "Results Reports" upon completion of the research period. In addition, you must acknowledge the Cooperative Research Program in

your presentations and publications. The details are to be informed at the time of adoption. If you have changed your affiliation and e-mail address since the last time you were adopted in this program, please contact to the section mentioned in No. 18.

14. Information Disclosure Request

The collected applications may be open to the public, with the exception of identifiable information. Please specify any information that you wish to be kept private by underlining the text in the application. This will be considered at the time of publication.

15. Handling Personal Information

Submitted personal information for this project will be protected in conformity with Kyoto University's Privacy Policy.

Kyoto University's Privacy Policy;

http://www.kyoto-u.ac.jp/ja/privacy_policy

16. Accommodations

EHUB accommodation is available. For reservations, ask your prospective host (corresponding) researcher at EHUB.

17. Insurance

We recommend that you procure accident insurance, etc., independently before starting your Cooperative Research Program at or with EHUB. Kyoto University has general insurance for national university corporations. However, this insurance does not cover any accidents which happen during the cooperative research for which Kyoto University has no legal responsibility.

18. Further Information / Inquiries

General Affairs Section in EHUB

Email: ehub-kyodo@mail2.adm.kyoto-u.ac.jp

Introduction to the Cooperative Research Program

1. Research categories and screening

The Cooperative Research Program consists of “General Research” and “Resource Use”.

“General Research”

With the aim of developing comprehensive efforts to elucidate human evolution through experimental studies of primates, "General Research" based on the free initiative of the applicant can be conducted with the support of the EHUB's prospective host (corresponding) researchers. Even if the research is not adopted as "General Research," it may be adopted as "Resource Use" after screening.

Research that requires experiments and observations to be conducted over a period of several years is also eligible for the General Research. In this case, the review will focus on the necessity of the research and the soundness of the research plan. If you wish to be reviewed from this perspective, please indicate at the beginning of the "Research Purpose" section of the application form that the research is planned to be conducted over a multi-year period, and describe your research plan in the subsequent section. Applications must be submitted each fiscal year and will be reviewed each fiscal year. In the case of a continuation from the previous year, please add an explanation of the progress in the appropriate places. Depending on the progress, your application may not be approved even in the middle of the project.

The maximum amount of research expenses applied for is 150,000 yen, and the amount of research expenses approved by the review process will be allocated. In addition, research requiring only new allocation or use of laboratory primates will be accepted if you have other research funds which are available to conduct the research in collaboration with the EHUB's prospective host (corresponding) researchers.

“Resource Use”

Research can be conducted using research materials and samples collected from laboratory primates held by the EHUB. Other books and other reference materials are also available. Only joint researches that make effective and appropriate use of these materials are accepted.

In principle, no new allocation of laboratory primates will be made for the research adopted in this category. If you can use laboratory primates that have already been allocated to prospective host (corresponding) researchers at EHUB, you can apply for this category.

No research funds will be provided.

2. Screening

Screening will be done by the Cooperative Research Advisory Committee. We will contact successful applicants after decisions are made by the Center Management Committee. The Cooperative Research Advisory Committee judges the necessity and reasonability of the applied research plan. Continuation of a previous year's research proposal is also acceptable. In the case of a continuation proposal, the necessity for continued research and the progress of the research will affect the acceptance or rejection and budget allocation. In other respects, new and

continuing applications will be reviewed under the same criteria. In addition, the applications from young researchers (less than 8 years after obtaining a doctorate, master's or bachelor's degree) will be taken into account.

3. Animal Experiments

Before you apply for the Cooperative Research Program, you must fully consult with the prospective host (corresponding) researcher at EHUB if you wish to use laboratory primates. At EHUB, all adopted research projects are bound by the rules of the "Guide for the Care and Use of Laboratory Primates". Thus, we accept only research projects that follow the above-mentioned guidelines.

To conduct an animal experiment, the applicant must submit a "Kyoto University Animal Experiment Plan" to the EHUB's Animal Experiment Committee for review and approval. Please note that approval by the applicant's home institution may also be required to conduct an animal experiment, depending on the institution to which the applicant belongs, so please check the details carefully.

After your application is approved, please submit an Animal Experiment Plan from the prospective host (corresponding) researcher at EHUB. If the application is not approved, the animal experiment cannot be conducted even if it has been approved as the Cooperative Research Program.

4. Primate Experiments outside of EHUB

If a primate experiment needs a special experimental equipment or facility, you are allowed to move primates bred at EHUB to the necessary location outside of EHUB and experiment therein. You must submit an Application for Primate Experiments at Facility Outside of EHUB in addition to the Animal Experiment Plan.

5. Educational training on animal experiments

In case of experimentation with and observation of animals at EHUB, all researchers are required to obtain an animal handling license depending on the level of invasiveness of the research before commencement of the project. A license valid for five years. will be provided only after attending lectures and practical training for animal handling.

Necessary educational training differs depending on the presence or absence of surgical procedures, etc. Please check with the prospective host (corresponding) researcher at EHUB and take the necessary courses. For research that deals directly with primates, a copy of the health certificate (mainly tuberculosis) is required after adoption.

6. Collections

If you wish to use the collections curated at EHUB and samples provided from breeding populations at EHUB, your application will be screened by the EHUB's Material Committee about the availability of the research materials. If the committee doesn't approve your application, your research can't be conducted. Also, depending on the research materials, you

may have to pay the usage fee. For the details, see the website below.

<https://www.ehub-kyoto-u.com/resource>

7. Recombinant DNA or infectious agent

Your prospective host (corresponding) researcher needs to submit an “Application for recombinant DNA experiment” for you to get an approval for use recombinant DNA in EHUB.

If you use infectious agents classified as BSL2 at EHUB, your prospective host (corresponding) researcher must submit an “Application for Handling BSL2” to the Biosafety Committee at EHUB and get an approval. Therefore, consult with your prospective host (corresponding) researcher in advance.

8. Facilities and equipment

If you wish to use the EHUB’s facilities and equipment, you may be required to obtain approval from the person in charge or license etc. Please consult with the prospective host (corresponding) researcher in advance before the application. Depending on the research equipment, you may be required to pay the usage fee. For the details, see the website below.

<https://www.ehub-kyoto-u.com/resource>

9. Compliance

Following project adoption, if the applicant fails to comply with the guidelines set by EHUB or Kyoto University, he or she may be imposed a penalty, including research cancellation and the possible withdrawal of eligibility.

10. Use of Research Expenses

Research expenses will be distributed to the prospective host (corresponding) researcher. Please consult with the prospective host (corresponding) researcher for the purpose of use. We have strict regulations regarding the use of research funds. Applicants may be imposed a penalty, including research cancellation and the possible withdrawal of eligibility. The details are to be informed at the time of adoption.

11. Goods not permitted under the allotted research expenses

The purchase of cashable goods (PC, tablet PC, digital camera, video camera, TV, recorder) is not allowed when using the research expenses provided by the Cooperative Research Program.

12. Change of the Principle Researcher

Following project adoption, if the applicant would like to change the principle researcher due to unavoidable reasons, submit an “Application for Change of Principle Researcher”. You are allowed to change the principle researcher in case the prospective principle researcher is the supporting (collaborating) researcher and meets the eligibilities requirements for applicants mentioned in the No.1. has a qualification of the Cooperative Research. You cannot change the research content. The Cooperative Research Advisory Committee will screen the application and

the Center Management Committee will make the final decision.

If the change of the principle researcher is not permitted, he / she should withdraw and submit a Results Report upon termination.

13. Intellectual property

The results of the Cooperative Research Program are subject to “Kyoto University's intellectual property privacy policy”. All inventions (patents, utility model rights, design rights, trademarks) stemming from research results will be handled under contractual agreement with Kyoto University.

Supplemental Explanations of the Various Screenings, etc. Concerning the Conduct of Research

After the application has been adopted, if required, the applicant should get approval or permission on the animal experiments or the use of material collections by the relevant committees. If the approvals are not given, the research can't be conducted. In the case, the Center Management Committee may ask the change of the research content or revoke the adoption.

1. Screening by the Animal Experiment Committee

- In the event of planned research involving animal experiments (including blood sampling), submission of the Kyoto University Animal Experiment Plan is required. The project must be admitted as a research project that conforms to the Guide for Care and Use of Nonhuman Primates.
- The supervisor in charge of the experiment must be a faculty member at EHUB. Therefore, please consult with the prospective host (corresponding) researcher regarding application submission and detailed plans in advance of the planned experiment.
- The species and number of experimental primates that can be provided by EHUB may change depending on their use in a fiscal year. Please consult carefully with the prospective host (corresponding) researchers in EHUB and make plans based on the latest situation.
- If you wish to transfer primates to an external institution, you must submit an "Experiment Plan at External Institution" to the Animal Experiment Committee and obtain permission.

2. Screening by the Material Committee

- In case of the use of the collection curated at EHUB and samples provided (transferred or loaned) from breeding populations at EHUB for the Cooperative Research Program, you are required to fill out the details of your research plan.

Here "material collections" include: 1) body fluids such as blood, saliva, and semen, 2) organ or other biological materials, 3) morphological materials such as skeleton, muscle, fur, and teeth, 4) excretions, 5) DNA and RNA, 6) others (materials to be approved by EHUB).

- Applicants must confirm their compliance with the terms and conditions stated below upon submission of their application. You may need an MTA or MOU depending on your research. For details, please contact your prospective (corresponding) researcher at EHUB.
- Regarding the handling of biological materials or samples from breeding/housed populations at EHUB, Kyoto University, provided by the Cooperative Research Program:
 1. Biological materials should be used for the Cooperative Research Program only and should not be used for any other purpose.
 2. Commercial uses are prohibited.
 3. Biological materials or samples are not authorized for reuse and cannot be given or loaned to third parties.
 4. The recipient shall return all biological materials to EHUB at the expiration of the

program or dispose of them in an appropriate manner. For continuous use over a year, he/she must apply the Cooperative Research Program each year.

5. EHUB accepts no liability for any outcome of the use of these biological materials.

3. Utilization of samples related to the National Bio Resource Project (NBRP)

NBRP Japanese Macaques are maintained at EHUB. In addition, we accept sampling from zoos, etc., through the Great Ape Information Network (GAIN). If you wish to sample from such resources, contact the office of the resource or the prospective host (corresponding) researcher of the Cooperative Research Program to complete the necessary procedures (registration, applications, etc.) in advance of applying.

1. Japanese Macaques <https://nbrp.jp/resource/japanese-macaques/>

Non-invasive resources (blood, feces, etc.) of EHUB-born individuals may be available for a fee (amount to be determined).

2. Great Ape Information Network (GAIN) <https://nbrp.jp/resource/gain/>

Skeletal specimens and organs of apes that died at zoos, etc., may be used.

Reference: Guidelines

- Guideline for Care and Use of Nonhuman Primates (version 3)

https://www.ehub-kyoto-u.com/_files/ugd/od1b96_751b6a5625b04d0395b567c1foa7597f.pdf

-Declaration of Helsinki

<http://www.med.or.jp/wma/helsinki.html>

Ethical Guideline for Medical and Health Research Involving Human Subjects(MEXT)

http://www.lifescience.mext.go.jp/files/pdf/n1443_01.pdf

-Guidance for Ethical Guideline for Medical and Health Research Involving Human Subjects(MEXT)

https://www.lifescience.mext.go.jp/files/pdf/n2376_01.pdf