

## Application Guidelines for the 2024 Extended Doctoral Human Resource Development Project by "Crossing Borders"

This project is supported by the Japan Science and Technology Agency (JST) and the "SPRING Program for Challenging Researchers in the Next Generation" of the Japan Science and Technology Agency (JST). It invites applications for the 2024 Extended Doctoral Human Resource Development Project by "Crossing Borders" as follows.

### 1. Outline of Application

The purpose of this project is to cultivate an expansive doctoral workforce that is able to respond to the needs of society and contribute to the development of science, technology, and innovation in Japan by "crossing borders" between specialties, organizations, regions, and generations while improving themselves. To this end, we will provide a financial support for students who are selected for this project and a curriculum that will enable them to excel in research and to pursue a variety of career paths.

In this call for applications, we expect applications from outstanding students who will conduct free, challenging, and integrative research in the doctoral program at the University and who will play a leading role in academia in the future.

### 2. Subject of application

Applicants must be enrolled in the doctoral program of the Graduate School of Biomedical Engineering and Agricultural Sciences at the University of Yamanashi and meet the requirements in "4. eligibility to apply."

### 3. Number of Adopted for this Program

14 student for FY2024(planned)

### 4. Eligibility for Application

Applicants must be students stipulated in "2. Eligibility for Application" who have excellent research skills, meet the following requirements at the time of application, and wish to actively participate in the Career Path Support Program during their doctoral period and in the future.

- (1) Applicants must be enrolled in a doctoral course as of April 2024. However, those who are scheduled to take a leave of absence at the time of the start of the support are excluded.
- (2) Persons who do not fall under any of the following (a) through (f)
  - (a) Postdoctoral fellowship from the Japan Society for the Promotion of Science (JSPS), an independent administrative agency
  - (b) Students who have a stable income from the University or a company at a level sufficient to cover living expenses (2.4 million yen or more per year), such as salary, executive compensation, etc.
  - (c) Students who receive a scholarship of a sufficient level (2.4 million yen or more per year) for living expenses.
  - (d) Students who receive support under the Japanese Government Scholarship Program or an equivalent support from their home country.
  - (e) Students who receive support under the Japanese Government Scholarship Program or an equivalent support from their home country

(f) Students who have been selected for the "Co no Hana Fellowship".

#### 5. Support period

The period of support will be up to the standard period of study, depending on the length of enrollment in the doctoral course at the time of commencement of support, but it may be withdrawn depending on the status of the presentation of research results each year. The support may be terminated depending on the government budget allocation for the current fiscal year.

#### 6. Details of Support

The University will provide a research incentive fee and research expenses during the doctoral course period in order to nurture highly creative doctoral human resources who will lead the future by providing opportunities to engage in independent research based on free ideas and to participate in programs related to career path support.

Research grant: 165,000 yen per month (to be paid on a date determined by the University)

Research expenses: 400,000 yen per year

\*Note

The research incentive fee and research expenses are subject to change according to budget conditions.

#### 7. Application Procedures

Application Documents: Attached Application Form (Form 1)

Submit the completed Form 1 to the Graduate School Support Office, Academic Affairs Planning Division by the due date.

Submit by e-mail ([inshien-as@yamanashi.ac.jp](mailto:inshien-as@yamanashi.ac.jp)) by the due date

\*Note

The subject of the e-mail should be "Application for Doctoral Student Support Program".

If the deadline for submission has passed, the application will not be accepted.

After we receive your e-mail, we will reply to you by e-mail within the next day (except Saturdays, Sundays, and holidays). If you do not receive the receipt e-mail, please contact to [inshien-as@yamanashi.ac.jp](mailto:inshien-as@yamanashi.ac.jp).

#### 8. deadline for submission of application form

Wednesday, April 24, 2024, noon (strict deadline)

#### 9. Selection

Selection will be made by the Selection and Review Committee for Extended Doctoral Human Resource Development Project by "Crossing Borders

#### 10. Selection Methods and Review Policies

Selection will be made based on the following screening policies (1) through (4), based on the content of the application and the presentation and question-and-answer session concerning the research plan, etc.

(1) The applicant must have a sufficient potential to become an outstanding researcher who will play a leading role in the future of academia.

(2) The applicant should be able to show how he/she establishes his/her research project

and career vision, and should have a clear plan for the realization of his/her research project. (3) The research plan should be original in its research methods, and should show the future prospects of the research topic.

- (3) The applicant must have an excellent ability to promote plans for his/her own career development, including research.
- (4) Experience in applying for a JSPS Postdoctoral Fellowship is also considered important.

#### 11. selection results

The applicant and his/her academic advisor will be notified of the results of the selection process.

#### 12. obligations of supported students

In view of the purpose of the program, the following obligations shall be borne by the Supported Student.

- (1) Submit a specific research plan after being selected as a Supported Student.
- (2) To devote oneself to research activities based on the research plan, except in the case of interruption due to childbirth/childcare, or due to injury/illness.
- (3) Actively participate in the programs and other activities related to the enhancement of research capabilities and career support conducted by the University.
- (4) Enter the "Job-Based Research Internship" program conducted by the Job-Based Research Internship Promotion Council.
- (5) Report regularly to the University on the status of their research activities and participation in programs related to career support.
- (6) Receive interviews with a mentor on a regular basis.
- (7) Apply for a JSPS Postdoctoral Fellowship.
- (8) When conducting research activities, be fully aware that the research funds are public funds, comply with all relevant laws and regulations, and conduct research efficiently and without any misconduct.

In addition, they should read and complete educational materials related to ethics education and attend the research ethics education provided by the University.

#### 13. revocation of support

In the event that any of the following grounds become applicable, the grant of the research incentive fee and research expenses may be suspended and the applicant may be required to return the funds.

- (1) When the applicant loses the eligibility to apply under "4 Eligibility for Application".
- (2) When the status of execution of the research plan or the status of fulfillment of "12. obligations of supported students" is deemed insufficient
- (3) When the student requests to withdraw
- (4) When the President deems that there are other reasons to withdraw the support.

#### 14. Notes

- Researchers are responsible for filing their own income tax returns, as the research incentive fee is taxable as miscellaneous income and tax returns regarding income tax are required.

- Teacher assistant (TA) wages, part-time job wages, academic prizes from academic societies, and remuneration for paid internships are allowed to the extent that they do not interfere with the research activities.
- If you are already receiving other scholarships or other forms of support, check the eligibility requirements of the other institution and take appropriate measures, such as declining the scholarship or other forms of support.
- The "amount equivalent to sufficient living expenses from your company, etc." in 4. (2) (a) is based on a regular income of 2,400,000 yen/year.
- To cooperate in various surveys, such as career tracking surveys, for 10 years after completion of the program.

#### 15. Other

- The project recipient will be required to submit a written pledge to devote himself/herself to research activities.
- The university will provide the e-mail address of the project recipient to JST so that monitoring surveys, etc., can be conducted directly by JST. In addition, the University may be asked to participate and cooperate in student exchange meetings organized by JST.
- The name of the selected students will be announced on the university's website.
- After the selection of students to be supported by the program, the supervisors of the selected students will be asked to submit their educational and guidance policies for the students. Forms and other information will be provided at the time of notification of the selection results.
- The selected students for this project will not be eligible for exemption from the repayment of the scholarship from the Japan Student Services Organization (JASSO) for particularly outstanding achievements.

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