

Kyoto University  
Science and Technology Innovation Creation Fel-  
lowship

Information / AI Field

Information / AI / Data Science  
Doctoral Fellowship

October 2023  
Application Guidelines

Kyoto University  
Graduate School of Informatics / Graduate School of Science

Kyoto University Science and Technology Innovation Creation Fellowship (Information / AI field)  
Information / AI / Data Science Doctoral Fellowship

Under its historical commitment to academic freedom, Kyoto University has promoted original and world-class research and education that cultivates the broad and deep knowledge necessary for the promotion of research. The University has also endeavored to develop excellent human resources who create new knowledge in academia and industry and link it to the permanent development of global society. Information and AI are the driving force of the fourth industrial revolution, and data science is said to be the fourth paradigm in science. In this way, information, AI, and data science are the foundation of a wide range of industries and sciences.

Kyoto University has achieved world-leading results in the field of information, AI, and data science. In order for the University to continue to drive the further development of this field, it is necessary to further improve the environment in which faculty members and students can concentrate on their research. As one such measure, the University will provide financial support for graduate students in doctoral programs who work on research, with support from the Ministry of Education, Culture, Sports, Science and Technology (MEXT) under its University Fellowship Program for the Creation of Innovation in Science and Technology starting in 2021. The University expects that graduate students will not only pursue in-depth academic inquiry typical to Kyoto University, but also develop a broad perspective that transcends academic disciplines and leads to the creation of innovation. This fellowship program aims to provide graduate students with not only financial support but also the opportunity to enhance their research skills and develop such a broad perspective. The University hopes that the fellowship program will help Kyoto University to make further progress in information, AI, and data science research and help graduate students grow as future leaders in research and innovation in the field of information, AI, and data science in Japan and around the world.

### 1. Purpose

The purpose of the program is to provide Ph.D. students engaged in information, AI, and data science research at Kyoto University (hereinafter referred to as “the University”) who are motivated by research and are responsible for future science and technology and innovation creation in Japan with an environment where they can improve their research skills and concentrate on their research. It also aims to provide educational support so that they will be able to strongly lead the world and demonstrate a broad perspective and creativity in various academic and industrial fields after completion of their graduate studies.

### 2. Overview

This fellowship program provides research support funding (1,800,000 yen/year) and research grants (300,000 yen/year) to fellowship recipients by the end of the third year of the doctoral course, in principle. Fellowship recipients are selected from among Ph.D. students who are enrolled in all departments of the Graduate School of Informatics and the Division of Mathematics and Mathematical Science and the Division of Earth and Planetary Sciences of the Graduate School of Science, which play a central role in information, AI, and data science research and education at Kyoto University. Fellowship recipients are required to give a presentation on their research results at the Kyoto University ICT Innovation or the Science Club Day (or an alternative event that will be planned by the Graduate School of Science in the future) and to be engaged in overseas

long-stay research or a research internship, or serve as a TA in data science education in order to improve their research skills and contribute to building a career path in various academic and industrial fields after completion of their graduate studies.

### 3. Eligibility Requirements

- (1) Recipients must fully understand the philosophy behind this fellowship and learn with enthusiasm while collaborating with faculty members and other students.
- (2) Recipients must understand the significance and importance of research activities, have a strong desire to carry them out fairly and disseminate them to society, and aim to obtain a doctoral degree.
- (3) Recipients must formulate a research plan and concentrate on research activities based on it.
- (4) Recipients must give a presentation on their research results at the Kyoto University ICT Innovation or the Science Club Day (or an alternative event that will be planned by the Graduate School of Science in the future) (for students enrolled in the Graduate School of Science) before completing the doctoral program. They also must be engaged in overseas long-stay research or a research internship at a national research institute or a company, or serve as a TA in data science education.
- (5) Recipients must have regular interviews with their mentor (a faculty member who provides guidance and advice about student research and career development; the same applies hereinafter) and report the status of research activities to the head of their graduate school and department / division within a specified time limit.
- (6) Since recipients cannot receive both this fellowship and the Research Fellowship for Young Scientists from the Japan Society for the Promotion of Science (JSPS), they must decline this fellowship if they are selected for the JSPS Research Fellowship for Young Scientists.

### 4. Cancellation of Payment

If recipients lose their eligibility specified in the preceding paragraph “Eligibility Requirements,” or if any of the following applies to them, their eligibility for the fellowship may be revoked at the discretion of the Fellowship Steering Committee.

- (1) When it is judged that their learning and research efforts are insufficient.
- (2) When there is a request from the student eligible for the fellowship to decline it.
- (3) When there is a false statement in the documents related to the application for this fellowship program.
- (4) When they are removed from the University.
- (5) When they receive disciplinary action pursuant to the provisions of Article 32, paragraph (1), as applied mutatis mutandis pursuant to the provisions of Article 53 of the Kyoto University General Rules (Notification No. 3 of 1953).
- (6) When it is judged that there is a reason for cancelling the payment, such as absence from school for personal reasons.

### 5. Application Requirements

Applicants must be enrolled in the 1st year or the 2nd year of the doctoral course of the department / division, listed in Attached Table 1, on October 1, 2023, and must meet all of the following requirements:

- (1) Applicants must have excellent research skills and desire an environment where they can concentrate on their research.
- (2) Applicants must not be international students on Japanese government (MEXT) scholarships (as stipulated in Article 2 of the Guidelines for International Students

on the Japanese Government (MEXT) Scholarship Program [established by the Minister of Education on March 31, 1954]) or international students who receive a scholarship or other assistance from their home country.

- (3) The applicant must not obtain stable income through salary, executive remuneration, or the like from their affiliated university, company, etc., at a level sufficient to cover living expenses (2.4 million yen annually). (As income from paid internship, RA, TA, or part-time job is not regarded as stable income, such income is not subject to regulation based on the amount of income. However, if it interferes with research, career development or training content efforts., the support may not be continued. In addition, if you are earning more than 2.4 million yen annually by holding a post such as a non-regular employee or a temporary employee for some period of time, you are not eligible to apply for the program. This also applies to self-employed worker.)

## 6. Application / Selection Methods and Payment of Research Support Funding

### 6-1. Application documents

Prepare the following documents in PDF format according to the prescribed forms.

- (1) Form 1 (application form)
- (2) Form 2 (confirmation form) (Directly request a faculty member who has a substantial understanding of your research, such as a supervisor.)
- (3) Transcription of grades in master's program

Application period: August 28 (Mon.) – September 18 (Mon.), 2023 (due NLT 17:00)

### 6-2. How to apply

Please apply through the web application system. We will not accept any application other than through the web application system. Please do the following in the web application system (For details, please refer to the manual).

- Enter basic information and upload all application documents other than Form 2 (Confirmation Form).
- Enter the email address of your academic advisor, etc., and send them a request to upload Form 2 (Confirmation Form). The system will send a link to the specified email address to upload Form 2.
- After completing the above two steps, click the “Complete” button to finalize your application.

Web Application System URL: <https://kugd.kyoto-u.online/applicant/senkos/13/top>

The prescribed forms can be downloaded and used from the website for this fellowship: <https://www.i.kyoto-u.ac.jp/fellowship/> (in Japanese).

### 6-3. Selection method

Selection is made based on the content of the application documents. Oral examination may be required for some applicants if necessary. When an oral examination is conducted, the relevant applicants are individually notified.

### 6-4. Announcement of recipients

After November 2, 2023 (Selection results are notified directly to each applicant.)

### 6-4. Payment of research support funding

Payment to the selected students begins with research support funding for October

2023. Please note that the payment start date may be after November 2023. Research support funding is taxable as miscellaneous income, and the recipients are required to file an income tax return.

#### 7. Handling of Personal Information

The acquired personal information will be used to conduct the procedures necessary to select fellowship recipients and for them to take courses, in accordance with the personal information policy at Kyoto University.

#### 8. Contact Information

- Information / AI / Data Science Doctoral Fellowship Steering Committee Secretariat  
fellowship-i@mail2.adm.kyoto-u.ac.jp

\* For inquiries, please contact us by email as far as possible.

Location: Administration Office of the Graduate School of Informatics on the 1st floor of Research Building No. 8

TEL: +81-75-753-3577 (Weekdays 9:00 to 16:00)

Attached Table 1

Graduate School	Department / Division	No. of students to be selected
Graduate School of Science	Division of Mathematics and Mathematical Sciences Division of Earth and Planetary Sciences	D1: 1 student D2: a small number of students
Graduate School of Informatics	Department of Intelligence Science and Technology Department of Social Informatics Department of Advanced Mathematical Sciences Department of Applied Mathematics and Physics Department of Systems Science Department of Communications and Computer Engineering Department of Informatics	D1: 4 students D2: a small number of students

(Notes)

1. “D1” and “D2” mean first-year students and second-year students, respectively.
2. This fellowship program provides research support funding and research grants by the end of the third year of the doctoral course, in principle.
3. Depending on conditions of applications, the period of receiving the funding and grants may be shortened. However, if some recipients cancel the program, the period of receiving the scholarship may be extended to the third year of the doctoral course.