# FY 2025 BOOST (Young Researchers) Research Application Document

**※Note: Please delete the instruction blue text (guidelines) before submission.**

* Failure to adhere to the following instructions may result in the rejection of your research proposal.

- Do not change the formatting, style settings, or line spacing of any forms.

- All text in the forms should be no smaller than font size 10.5 (observed strictly).

* If the proposal uploaded to e-Rad has any defects that would make it difficult to evaluate, it will be rejected. "Defects that would make it difficult to evaluate" refers to missing parts of the proposal form, garbled characters that would make peer review difficult, major omissions from items to be included in the proposal, etc. JST shall not be held responsible for any issues or defects that may arise with the proposal prior to the application deadline, regardless of whether the proposal is accepted or not. JST will not correct proposal or request proposers to make corrections to their proposals before the submission deadline. Please note that after the submission deadline, proposals submitted to e-Rad cannot be withdrawn.
* If the descriptions of items that are both included in e-Rad and the proposal documents do not match, the information in the proposal document will take precedence.

# Form 1　 Basic Information

* **Fill in within one (1) page of A4 size for Form 1 (observed strictly).**

|  |  |
| --- | --- |
| Name of Program | BOOST (Support for Young Researchers) |
| Title of proposed  research project | \* In case of the English title (about 10 words), please also write together the Japanese title (about 20 characters). |
| Name of Applicant |  |
| Institution of Cross  Appointment destination  (Location of research  conducted and be  contracted with JST) | \* Describe your affiliation and title accurately without any omissions. (i.e., describe Graduate school, Department, Majors, XX laboratory, and project/tenure/associate/assistant professor).  \* When describing your affiliation, please enter a department or major that is one level above the smallest research unit such as a laboratory or research team.  \* If not decided yet, please write "Undecided". |
| Coordination status  with cross appointment destination institution | Already concluded the employment contract of cross-appointment.  In negotiation with cross-appointment destination institution.  Not negotiated yet.  \* Please check the appropriate status. |
| Institution of Cross  Appointment originating,  section, title | \* Describe your affiliation and title accurately without any omissions. (i.e., describe Graduate school, Department, Majors, XX laboratory, and project/tenure/associate/assistant professor).  \* When describing your affiliation, please enter a department or major that is one level above the smallest research unit such as a laboratory or research team. |
| Research Period | April 1, 2026 – March 2031 (5 years) |
| Research Summary | \* Summarize the project goals and content of this research proposal within 150 words in English, or within 300 characters in Japanese. |

\* If you make a new cross appointment upon applying to this program (if you have not made a cross appointment as of the application deadline), the research location of you must be the Cross Appointment Destination Institution.

\* If you have already made a cross appointment as of the application deadline, you can choose the institution where you will conduct your research. In that case, please enter information about the institution where your research will be conducted in the field of "Cross Appointment Destination Institution, department, and position (where you will conduct your research, and where you will enter into a contract with JST)", and enter information about the other institution in the field of "Cross Appoint Originating Institution, department, and position".

# Form 2　Project Description

* **Fill in within three (3) pages of A4 size for Form 2 (observed strictly).**
* The use of figures and tables is strongly encouraged to help reviewers easily and clearly understand the proposed project (color usage is allowed).
* Evaluation will be based on the following criterion:

- The research proposal aligns with the purpose of this program, which is to fostering young researchers who will lead next-generation AI field in Japan, and the research area covered by this call for proposals .

* Please be sure to read "1.1 Fostering Researchers in Emerging AI Program (Support for Young Researchers)" and "2.1 Overview of Research Areas Eligible for Applications" in the application guidelines.
* Taking into account the purpose of this program, please specifically and clearly describe the background and objectives that led to this research concept, the future outlook for this proposal, and how it can contribute to Japan's next-generation AI field.
* If necessary, please cite the contents of the Achievements of Applicant (Form 5) appropriately to clearly show the relationship between the Research and Activity Track Record and the research concept. When citing, you may use the paper/book number (Form 5) indicated in the Achievements of Applicant.

# Form 3　Originality and Excellence of the Proposal

* **Fill in within one (1) page of A4 size for Form 3 (observed strictly).**
* The use of figures and tables is strongly encouraged to help reviewers easily and clearly understand the proposed project (color usage is allowed).
* Evaluations will be based on the following criterion:

The proposal demonstrates originality and research excellence, both in comparison to current trends and similar research, domestically and internationally.

* Clearly describe the proposal's originality, uniqueness, and advantages, taking into account the current status and trends in related research fields both domestically and internationally.
* Please describe the competing research and provide specific details as needed to support your argument. In addition, please explain the research achievement, the facilities and equipment available to support the proposed research, and the preparation status of relevant resources, such as data or preliminary findings.

# Form 4-1　 Objectives and Research Plans

* **Fill in within three (3) pages of A4 size for Form 4-1 (observed strictly).**
* Evaluation will be based on the following criterion:

- The objectives of the research proposal to be achieved within the research period and plans (including budget) are well-defined and appropriate for the project..

## 1. Objectives to be Achieved at the end of the Research Period

* 60 words or less (in English), or 100 characters or less (in Japanese) including punctuation.
* Please provide a detailed description of the research objectives or objectives at the end of the research period.

## 2. Research Plan and Approach

* The use of figures and tables is strongly encouraged to help reviewers easily and clearly understand the proposed project (color usage is allowed).
* Please provide a detailed description of your plans and the methods you intend to use to achieve the research objectives. Clearly outline the overall approach, including specific methods and strategies (addressing anticipated issues and their solutions), as well as the schedule and milestones (key points and achievements during the research, criteria for evaluating the progress of the research, and their timing) that will be implemented.

# Form 4-2　Research Budget

* Evaluation will be based on the following criterion:

- The objectives of the research proposal to be achieved within the research period and plans (including budget) are well-defined and appropriate for the project.

## 1．Itemized Research Budget Plan

* Fill in the research budget plan by items for each fiscal year.
* More detailed budget plan will be requested if the proposal proceeds at the interview screening.
* The budget plan of the selected project may be revised during the research period based on the budget status of this program, the management of PO, and the results of the project evaluation.
* The itemized costs as followings (please refer to the application guidelines, "Chapter 3.3.1 Research Budget (Direct Costs)"):
* Equipment: Expenses for equipment and supplies
* Materials / Consumables: Expenses for purchasing materials and consumables
* Travel: Travel expenses of the applicant or other research team members involved with the project, and for invited guests.
* Cross Appointment Personnel: Personnel expenses of the Applicant borne by the cross-appointment destination institution.
* Other Personnel Expenses and Honorariums: Personnel expenses and honorariums of researchers, technicians, research assistants, RAs, etc.
* Others: Costs other than the above (e.g. research presentation expenses, printing, submission fee, equipment lease, freight costs, etc.)
* Indirect costs are generally set at a maximum of 30% of the direct costs.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **1st Year**  2026.4～  2027.3 | **2nd Year**  2027.4～  2028.3 | **3rd Year**  2028.4～  2029.3 | **4th Year**  2029.4～  2030.3 | **Final Year**  2030.4～  2031.3 | **Total**  (Thousand yen) |
| **Equipment** |  |  |  |  |  |  |
| **Materials/**  **Consumables** |  |  |  |  |  |  |
| **Travel** |  |  |  |  |  |  |
| **Cross-Appointment Personnel Expenses** |  |  |  |  |  |  |
| **Other Personnel Expenses and Honorarium** |  |  |  |  |  |  |
| **Other** |  |  |  |  |  |  |
| **Total**  (Thousand yen) |  |  |  |  |  |  |

## Special Considerations

* If there are any additional remarks or specific explanations needed regarding the research budget plan, please describe them here.
* Especially, for a significant portion of the budget needs to be allocated for personnel costs or travel expenses, please provide a detailed explanation with reasons.

# Form 5 Achievements of Applicant

* **Fill in within three (3) pages of A4 size for Form 5 (observed strictly).**
* Evaluations will be based on the following criterion:

- The PI possesses ability to effectively carry out the proposed activities.

**(1)** **Information of Applicant**

|  |  |
| --- | --- |
| Research history  of Applicant  (Main work history and research details) | Graduated in 20XX from the Doctoral Program in [Field of Study], Graduate School of [Department], [University]  (Supervisor: Professor [Name]) [Supervisor's name must be entered], obtained a Ph.D. in [Discipline]  Assistant Professor, Faculty of xxxx of xxxx University from 20XX to 20XX  Research about xxxx in Professor xxxx's laboratory  Researcher of xxxx Research Institute from 20XX to 20XX  Conducted xxxx research in the xxxx laboratory of Professor xxxx  ※ Please include the laboratory director's name.  ※(Optional) Please list any life events (such as childbirth, childcare, caregiving, etc.) that have impacted your research career and should be taken into consideration by the evaluator. |
| Information of  Applicant | URL:  ※Please provide a link to your researchmap or to a website where your research achievements can be viewed.  ※The evaluator will refer to this information as necessary during the evaluation. |
| Author notation in English papers by the Applicant | ※Please enter the full name accurately |

**(2) Achievements in Research, Professional Activities, and Management**

1. Major papers and books relevant to the research proposal (Max 5. entries)

* List up to five major papers and books that the PI authored that are relevant to this proposal, starting with the most recent.
* Please number the items sequentially. These numbers can be referenced in the Project Description (Form 2)
* For papers, please clearly state the paper title, author names (list all authors and underline your name), journal name, DOI, volume, pages, publication year, and for books, provide bibliographic information. Only include items that have been published or are confirmed for publication (the same applies to books). Authors can be abbreviated as "J. Smith ", etc.

1. Major invited lectures (Max 5. entries)

* List up to five major invited lectures given by the PI, starting from the most recent
* Please number the items sequentially
* You may directly copy and paste the data of the listed achievements from the "Lectures and Oral Presentations" section of your researchmap page into the proposal.

1. Major awards (Max 5. entries)

* List up to five major awards received by the PI, starting from the most recent.
* Please number the items sequentially
* You may directly copy and paste the data of the listed achievements from the "Awards" section of your researchmap page into the proposal.

# Form 6 Disclosure of Funds

* Please list all competitive funding programs (\*) or other research funds (including all current research funds for individual research subjects, such as subsidies, grants, joint research funds, contract research funds, etc., including those from overseas) that the Applicant is currently receiving, have applied for, or plan to apply for. Fill in the research project name, research period, role, amount of research expenses received by the individual, and the effort needed for the project. Please refer to the Application Guidelines, “Chapter 4.2 Measures against Unreasonable Duplication and Excessive Concentration” for more information.

(\*) The "Integrated Innovation Strategy 2020" stipulates that "disclosure of information regarding the receipt of foreign funds, etc., is a requirement when applying for research funding." Please be sure to list all research funding, whether domestic or international, including competitive funding, grants from private foundations, commissioned research expenses from companies and joint research expenses.

* If the information provided in the research proposal is inaccurate, the research project may be rejected.
* During the interview screening, we may request application and plan documents submitted to other systems.
* If you are unable to provide detailed information due to unavoidable circumstances, ex. confidentiality agreement, please provide only the effort. (Please note that this information will be shared with external experts during the review process.)
* Please list the grants you are currently receiving or have been approved to receive in order of the amount of R&D funding you have received (over the entire period). Then, list the grants you are applying for or plan to apply for.

Adjust the number of rows as necessary.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Program**  **(Name of Institution)** | **Status** | **Title of Project**  **(Name of Representative）** | **Research Period** | **Role**  **Primary/Joint** | **Research Fund**  **Received**  **(1) Allocated Budget**  **(For entire period)**  **(2) FY 2026 (planned)**  **（Thousand yen/unit）** | **2026**  **FY**  **Effort**  **(％)** |
| - | BOOST Young (This Application) | Sub-mitted | This application. Please fil the effort in the Right Box. | | | | 30 |
| 1 | Ex. Grants-in-Aid for Scientific Research, Fundamental research (C)  (Japan Society for the Promotion of Science) | Awarded | Creating W by V  (\*\* \*\*) | 2023.4  －  2026.3 | Primary | (1) 3,000  (2) 1,000 | 20 |
| 2 | XX Foundation  XX Research Grant | Sub-mitted | Achieving high performance in X by Y  (\*\* \*\*) | 2025.10  －  2027.3 | Joint | (1) 1,000  (2) 400 | - |
| 3 |  |  |  |  |  | (1)  (2) |  |

* Please follow the instructions below when filling out each item.

1. **Status**

Enter one of the following.

**Awarded:** Currently receiving funds, or has been selected for funding

**Submitted:** Research projects currently under application or planned for submission

Do not enter effort those with the status of “Submitted” except for this proposal

**(2) Role**

Enter one of the following.

**Primary Researcher:**

Received research funding as the representative for that research project

**Joint Researcher:**

Received research funding in a position other than that of the representative for that research project

1. **Research fund received**

Enter the amount of the research fund in thousand yen in a following manner.

1. Awarded as “Primary Researcher” in the research project

Enter the research funds you, as the Primary Researcher, have received for the team, (excluding those from joint research teams, unless you are the only team member).

(b) Awarded as “Joint Researcher”

Enter the research funds your group received when you were the Joint Researcher.

1. **Effort**

If this proposal is selected, please indicate the allocation of time required for each research project (in percentage), assuming that your total working time in the fiscal year 2025 (including educational and clinical activities, etc.) is 100%. Do not include effort for research projects that are currently under application or planned for submission (those entered as “Submitted”).

Please be aware that the total effort for this proposal, along with other ongoing research projects, should not exceed 100%.

# Form 7　Other Important Information

* **Fill in within three (3) pages of A4 size for Form 7 (observed strictly).**

## Conflict of interest between the applicant and evaluators

* Based on the Application Guidelines, Chapter 2.8.3 Conflict of Interest Management , please declare any conflict of interest (COI). Be sure to refer to the relevant section when describing the COI.
* Evaluators should refer to the following website.

https://www.jst.go.jp/program/boost/yr/outline/index.html

**Are there any relevant conflicts of interest as stipulated in Application Guidelines, “Chapter 2.8.3 Conflict of Interest Management”.**

**No　　　　　Yes**

* If “No”, please delete the table below.
* If “Yes”, please give a short description of the reason, including which section it pertains to. Evaluators who JST determines to have a conflict of interest based on the described content may be excluded from participating in the selection process.

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Relevant Section** | **Name of Relevant Evaluator** | **Reason** |
| 1 | (1) d | XX XXX | Ex. The Applicant has been conducting research management and joint research in the XX Project (from 20XX to 20XX) and meets the requirements for conflict of interest under “(1)d”. |
| 2 | (3) a | XX organization | Ex. The organization to which Applicant belongs, XX organization, is JST-funded company. |
| 3 | (1) b | XX XXX | Ex. The Applicant was a member of the research team managed by Mr./Ms. XX, who served as an area advisor from 20XX to 20XX and meets the requirements for conflict of interest under “(1)b”. |
| 4 | (2) a | XX Corporation | Ex. The Applicant belongs to XX Corporation, which was established based on the research and development outcomes of the PI and meets the requirements for conflict of interest under “(2)a”. |
|  |  |  |  |

* The requirements for conflict of interest as stipulated in Application Guidelines, “Chapter 2.8.3 Conflict of Interest Management” are as follows.

(1) Persons Involved in the Selection Process

To ensure fair and transparent evaluations, the following persons and parties who have conflicts of interest with an ‘applicant’.

a. Persons who are relatives of research project applicants.

b. Persons who belong to the same department, major, etc. at a university or other research institution as the applicant; or a person who is considered to be involved in the management of the university or other research institution to which the applicant belongs; a person who is an officer or other person involved in the management of the university or other research institution; or a person who represents such an institution externally.

\* The same department, major, etc. here refers to one above the smallest research unit, i.e. a laboratory or research team.

c. Persons who belong to the same company as the research proposer or a company that is the parent company of the company to which the person being evaluated belongs.

d. Persons who are conducting a close collaboration in a research work with research project applicants. (Examples are persons who are conducting a joint research project or have co-authored a paper with research project applicants, a researcher pursuing the same research objectives as research project applicants, or a co-researcher of the proposal of research project applicants, and others, being recognized those practically affiliated with a research group with which research project applicants are affiliated.)

e. Persons in a close teacher-student relationship, or in a direct employer-employee relationship.

f. Persons in academic competition with the research subject of the research proposer or a person who belongs to a company that is in competition in the market.

g. Persons in other relationships judged by JST to represent conflicts of interest with research project applicants.

(2) Conflict of Interest with the Research Applicants

An "organization in relation to the research applicant" here refers to any participating organization that comes under any following condition. Note that not only the research applicant but also the spouse and the relatives in the first degree of the research applicant (referred to as "researcher etc." from here) are regarded as the same in items "a" and "b" below.

a. An organization founded on the achievement of research by the research applicant, etc.　(including the cases in which the researcher etc. do not have any direct relation in the management of the organization but are appointed as a technical advisor or the like and in which the researcher etc. only have some stocks of the organization).

b. An organization of which the research applicant, etc., is appointed as directors (including CTOs and excluding technical advisors).

c. An organization of which the research applicant has some stocks.

d. An organization from which the research applicant has revenues as a license fee.

(3) Conflict of Interest with JST

Please declare whether the affiliated institutions of the Applicant is JST-funded companies. This management is implemented to ensure the fairness and transparency of JST, and receiving funding from JST will not be a disadvantage in the adoption of [Program name].

a. Participation of JST-funded companies

## 2．Other Notice

* If there are any transfers planned, please specify. If it is undecided at this time, please indicate so. This information will be used for administrative purposes.