**Application documents: Program for Developing and Supporting the Next-Generation AI Researchers at Hiroshima University**

**Applicant’s Full Name 〔　　　　　　　　　　　　　〕**

**2. Research Plan** The proposal document should be prepared with consideration that it will be reviewed from diverse viewpoints by a review committee consisting of reviewers with different backgrounds.

**(1) Positioning of this research**

Please describe the positioning of this research to be conducted as a Next-Generation AI Fellows, including the trends related in the field, background of any issues, and the circumstances that led to the conception of the present Research Plan.

\*Descriptions should be written **within 1 page.** Changes/additions to the form are not allowed. Please do not erase the instructions (the boxed article).

*(When submitting your application, please delete this line and the following italicized explanation text)*

*\* The contents of this document should be written with a Font Size of 11 or larger.*

**Research Plan (continued)** The proposal document should be prepared with consideration that it will be reviewed from diverse viewpoints by a review committee consisting of reviewers with different backgrounds.

**(2) Purpose and contents of research**

　1) Please state the purpose, method, and contents of the research you will conduct as a Next-Generation AI Fellow.

　2) Specifically describe what type of plan it is, and what will be clarified and to what extent will it be pursued.

　3) State the characteristics, novelty, and originality of the Research Plan. (Please include comparisons with previous researches, the expected impact of the research upon completion, and future prospects.)

4) Within the research activities of your research unit/group, please clarify the parts that you will be responsible for.

　5) If you have plans to engage in research in a different research institution (including an overseas research institution) during the period of the Research Plan, please describe it.

\*There is no word limit for each item, but descriptions should be given **within 2 pages.** Changes/additions to the form are not allowed. Please do not erase the instructions (the boxed article).

*(When submitting your application, please delete this line and the following italicized explanation text)*

*If you have plans related to exchanges with researchers at overseas research institutions (especially if one of researchers is your sub-supervisor of overseas), or plans related to study such as overseas research (especially medium- to long-term study that means more than one month at least), please provide specific details.*

**3. Protection of Human Rights and Compliance with Laws and Regulations**

Use this column to describe the actions and measures you will implement if your [2. Research Plan] includes research activities that require actions based on guidelines, laws and regulations, etc. (including guidelines, laws and regulations, etc. of the countries/regions in which joint international research may be conducted), including research that requires obtaining consent and/or cooperation of counterparts, research that requires special attention in the handling of personal information, and research that requires actions related to bioethics and/or biosafety and research that requires security export control. Provide specific information on the status of the approval process, as this will apply to surveys, research, experiments, and other activities that would require approval by an internal or external intelligence committee, ethics board, or other review boards, for example, questionnaire/interview/behavioral surveys involving personal information (including personal histories and videos), surveys, etc. of domestic and foreign cultural heritage sites, use of donated specimens, research of invasive nature, human genome analysis, genetic recombination experiments, animal testing and research on sensitive technologies.  
Indicate “not applicable” if this does not apply to your research plan.  
\*There is no word limit for each item, but descriptions should be given **within 1 pages.** Changes/additions to the form are not allowed. Please do not erase the instructions (the boxed article).

**4．Self-Analysis of Research Performance**

In addition to the Research Plan described in this application form, please describe specific information on (1) "Strengths as a researcher" and (2) "Necessary elements for further development as a researcher" in the relevant field, based on the research experiences in which you have been involved in.

\*There is no word limit for each item, but descriptions should be given **within 2 pages**. Changes/additions to the form are not allowed. Please do not erase the instructions (the boxed article).

*(When submitting your application, please delete this line and the following italicized explanation text)*

*When describing in (1) and (2) below, please be specific in terms of, for example, independence in research, ability to think, problem-solving ability, breadth and depth of knowledge, skill, communication ability, and presentation ability. Please be sure to itemize your points of view.*

*If there is anything noteworthy about the impact on your research caused by an interruption, please detail it.*

**(1)** **Strengths as a researcher**

*(When submitting your application, please delete this and the following italicized explanation text)*

*Please describe the strengths of your research activities, showing the results of your past research activities (papers, etc.) as appropriate to provide the basis for your description.*

*Please provide sufficient information to identify the deliverables (papers, etc.).*

*(e.g.) Academic papers. (Please clarify whether they are peer-reviewed or not. (If peer-reviewed, the paper must have been accepted for publication.)*

*Please list the author(s), title, journal name, volume number, start page - end page, and year of publication.*

*(e.g.) Research presentation in conferences. (Please clarify whether it is oral or poster, and whether it is peer-reviewed or not.)*

*Please list the author(s), title, name of the conference, number of the paper, location, month and year of presentation.*

*(Exclude papers to be presented. However, those for which the presentation application has been accepted may be included.)*

**(2)** **Necessary elements for further development as a researcher**

**5．Intended image of a researcher in the future**

The " Program for Developing and Supporting the Next-Generation AI Researchers at Hiroshima University " aims to make the doctoral course students leap forward by support and foster so that they can contribute to realization of Society5.0 with innovation to solve social problems through development and utilization of AI. In light of this purpose, please describe (1) "the intended image of a researcher in the future,” (2) “the positioning of the research activities you will conduct during the period of a Next-Generation AI fellow toward the intended image of the researcher in the future”, and (3) “The career plan which follows completion of the doctoral course and includes the vision how to contribute to science/technology and innovation for future Japan based on the image of ideal researcher currently intending. In the case of international students, please include the perspective of why you would like to contribute to the realization of Society 5.0, which is the goal of Japan rather than in your home country or a third country.”

\*There is no word limit for each item, but descriptions should be given **within 1 page.** Change/addition of the form is not allowed. Please do not erase the instructions (the boxed article).

**(1)** **The intended image of a researcher in the future** \*Please include the qualities you need to acquire in order to become the researcher you envisage in the future.

**(2) The positioning of the research activities you will conduct during the period of being a Next-Generation AI Fellows toward the intended image of a researcher in the future**

**(3) The career plan which follows completion of the doctoral course and includes the vision how to contribute to science/technology and innovation for future Japan based on the image of ideal researcher currently intending**

\*In the case of international students, include the perspective of "Why do you want to contribute to the realization of Society 5.0, which is the goal of Japan rather than in your home country or a third country”

Check Sheet for the application document before submission

✓

\*This Check Sheet must also be completed and submitted along with the application documents.Items in the document

|  |  |  |
| --- | --- | --- |
| Items in the document | Contents | check box |
| 【Research Plan】  (1) Positioning of this research | Font Size should be 11 or larger. |  |
| Should be written within 1 page with adequate amount of text.  No changes/No additions to the form |  |
| 【Research Plan】  (2) Purpose and contents of research | Font Size should be 11 or larger. |  |
| Should be written within 2 pages with adequate amount of text.  No changes/No additions to the form |  |
| 【Protection of Human Rights and Compliance with Laws and Regulations】 | Font Size should be 11 or larger. |  |
| Should be written within 1 page with adequate amount of text.  No changes/No additions to the form |  |
| 【Self-Analysis of Research Performance】 | Font Size should be 11 or larger. |  |
| Should be written within 2 pages with adequate amount of text.  No changes/No additions to the form |  |
| 【Intended image of a researcher in the future】 | Font Size should be 11 or larger. |  |
| Should be written within 1 page with adequate amount of text.  No changes/No additions to the form |  |

**Recommendation and Consent Form**

* Recommend a following doctoral course student for the Next-Generation AI Fellow due to below reasons.
  + An excellent student who is highly expected outstanding performance at the Next-Generation’s AI field with contribution to realization of innovative future society (Society5.0).
  + A promising candidate who can meet the objectives of Program for Developing and Supporting the Next-Generation AI Researchers at Hiroshima University.
* Agree with proceeding the system of two academic supervisors with another expertise researcher of AI division in Education and Research Center for Artificial Intelligence and Data Innovation at Hiroshima University with understanding the objectives of Program for Developing and Supporting the Next-Generation AI Researchers at Hiroshima University as an academic supervisor for the recommended student.

|  |  |
| --- | --- |
| Recommended Student ID |  |
| Recommended Student Name |  |
| *[Optional] Name of the AIDI Center AI Department researcher whom you would like to request guidance from* | *(※) When submitting your application, please delete this line and the following italicized explanation text.*  *Please fill in the name of the departmental researcher at the AIDI Center whom you would like to have supervise you. (If you didn’t fill any name, the AIDI Center will assign an appropriate researcher for you if you are adopted.)* |

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| --- | --- |
| Comments of academic supervisor | *(When submitting your application, please delete this and the following italicized explanation text)*  *As for this recommendation, please comment expectations about how the recommended student contributes to realization of Society5.0 with innovation to solve social problems through development and utilization of AI.* |
| Affiliation of academic supervisor |  |
| Name of academic supervisor | (signature) |