

Filling out a research proposal application (forms)

(PRESTO-Form 1)

## Research Proposal of Individual Type Research (PRESTO)

|   |  |
|---|--|
| Proposed Research Area  |  |
| Research Subject<br>(in approximately 10 words<br>in English)     |  |
| Name of Researcher  |  |
| Institute to which applicant<br>belongs                           |  |
| Research's Number for<br>Grants-in-Aid for Scientific<br>Research | (Enter "0" if not applicable.)   |
| Academic Records (University<br>and higher education)             | <p>(Example)</p> <p>Kawaguchi Institute of Technology, Kawaguchi, Japan<br/>                     B.S. in Electronic Engineering, Semiconductor technology minor, 1993<br/>                     Graduate School, JST University, Kawaguchi, Japan<br/>                     M.S. in Electronic Engineering, 1995<br/>                     Dissertation: (Title to be specified, when available)<br/>                     Instructor: Professor John Smith, Ph.D.<br/>                     Graduate School, JST University, Kawaguchi, Japan<br/>                     Ph.D. in Electronic Engineering, 1998<br/>                     Thesis: (Title to be specified, when available)<br/>                     Instructor: Professor John Smith, Ph.D.</p> |
| Research Experience<br>(Major jobs and studies)                   | <p>(Example)</p> <p>Apr. 2003 – Present<br/>                     Research Associate, JST Research Institute<br/>                     Research theme: (Title to be specified)<br/>                     Advisor: Professor John Smith, Ph.D.<br/>                     Apr. 1998 – Mar. 2003<br/>                     Postdoctoral Research Assistant, Faculty of Electronic Engineering, JST<br/>                     University<br/>                     Research theme: (Title to be specified, when available)</p>  |
| Preferences about the place of<br>the research                    | <input type="checkbox"/> The institute the researcher belongs to currently<br><input type="checkbox"/> Other (The place of the research: _____ )   |

• **Research Area to apply for**

Only one (1) research proposal may be submitted for all research areas in which applications are invited this year.

• **Preferences about the place of the research:**

Please Check-mark the place planned for the research.

Those who checked "Other" will be consulted if whose application is selected.

## Outline of Research Subject

### ○ Outline of Research Subject

Summarize the main points of your “Research Concept” (PRESTO-Form 3) in approximately 200 words in English.

### ● Proposal keywords

Select up to five (5) keywords that should help explain the Research Subject from the keyword list (Appendix 1) attached at the end of this volume. Write those keywords and their numbers. If no applicable keywords are available in the list, write your own keyword(s) with an asterisk (\*) at the beginning.

Example: No. 1: Gene, No. 2: Genome, No. 10: Cytogenesis and differentiation, \* XXX

### ● Research field

Select one (1) main research field and one (1) to three (3) sub-field(s) that best describe the fields into which the Research Subject is categorized from the research field list (Appendix 2) attached at the end of this volume. Write their numbers and research categories.

Example: Main research field: No. 101: Genome

Sub-field(s): No. 102: Medicine and medical care, No. 104: Brain sciences

### ● References

Provide the names of two (2) individuals who have good knowledge of your Research Subject (A non-Japanese person is acceptable). Write each person’s name, institution and contact information (phone/fax numbers and e-mail address). The evaluators (Research Supervisor and Research Area Advisors) might contact them in reference to the research proposal during the process of screening (preliminary evaluation). Providing this reference information is not mandatory.

P (Page / Total Page)

The footer is set to the style.

## Research Concept

-Write in a fashion that is easy for evaluators to understand. To this end, add graphics and tables where necessary.  
-The length should be approximately five A4-size pages. However, necessary and sufficient description is more important. For that reason, the quantity is not fixed.

### 1. Aim of Research

### 2. Definite Research Background

Please describe the process through which you reached the research vision concerned, and relationship with your previous research, etc.

### 3. Originality and novelty of the research and comparison to similar studies

Please describe the research trend of related fields, domestic and international.

### 4. Contents of research

Please list and describe for each item the necessity of research, preliminarily available knowledge and data, and definite research themes, and the way to advance thereof (including anticipated problems in the aim and goal achievement, their possible solutions, etc.).

### 5. Future prospect of research

Please describe the contents of the contribution of your research to the future society, such as expected outcomes, future prospect, accumulation of intellectual property, and invention of new technologies.

## List of research papers, literary works and patents

- **Major literature**

Author(s) (List all authors), title of the paper published, publication in which the paper was published, volume and page numbers and publication year

List research papers or literary works that are considered to be important from those published in academic publications in recent years. List them in reverse-chronological order of the year of publication. Place an asterisk (\*) at the beginning of the title of the paper/books of which the applicant is the chief author. Items to be written are as above in a free order.

- **Bibliography**

Author(s) (List all authors), title of the paper published, publication in which the paper was published, volume and page numbers and publication year

List any relevant literary works that are necessary for understanding your research proposal. (Place an asterisk (\*) at the beginning of the title of the paper/books for which the applicant is the chief author (if any)).

- **Major patents**

Application number, inventor, title of invention, applicant and date of application

Items to be written are as above in a free order.

## Grants from Other Aid Programs

List grants from the government Competitive Research Funds and any other research subsidies that the Applicants are currently receiving, applying for, or planning to apply for by program name, indicating the Research Subject title, research period, roles(representative, participant, etc.), amount of research expense and effort. Your entitlement to the JST funds might be cancelled on a later day even if you have been selected should your presentation fail to be accurate.

Example:

| <b>Fund Name<sup>1)</sup></b>          | <b>Research Subject Title<br/>(Director Name)</b> | <b>Research Period</b> | <b>Roles <sup>2)</sup><br/>(Director/<br/>Allocation)</b> | <b>Research Expense<sup>3)</sup><br/>(1) FY 2007<br/>(2) The whole period</b> | <b>Effort<br/>(%)<sup>4)</sup></b> |
|--|---|------------------------|---|---|------------------------------------|
| Grants-in-Aid for Young Scientists (C) | XXXXXXXXXXXX                                      | 2006–2007              | Director  | (1)2,000/yr<br>(2)3,000/yr  | 10                                 |
| _____                                  |   |                        |   |   |                                    |
| _____                                  |   |                        |   |   |                                    |

- 1) List grants that the Applicant is currently receiving, or adopted, in descending order of research expenses (the whole period).  
Then list those the Applicant is currently applying for or planning to apply for (specify "under application" in the column "Fund name").
- 2) Describe Directorship or allocated work as "Role."
- 3) Describe the amount of funds the Applicant him/herself is receiving as "Research expenses" in units of 1,000 yen.
- 4) Describe as "Effort" the percentage of the time required for the research concerned in the total work hours of a researcher, letting all annual working hours be 100% (not only time for research activities but education, medical services, etc. are included.) [Note that this definition of Effort is given by the Council for Science and Technology Policy.] Describe Effort not for grants the Applicant is currently applying for or planning to apply for. but for grants the Applicant is currently receiving assuming that a PRESTO proposal

**Other Special information**

- Write freely the reason(s) why you have applied for the Basic Research Programs, any requests concerning your research, or any other concerns that you might have. •
- Use this space to write the reason(s) if you request that your research take place overseas.