

Program for the Practical Training and Engagement of Innovators

**Application Guidelines
for the Long-Term Internship Program
FY2017 (7th Term)**



**Building of Consortia for the Development of Human Resources
in Science and Technology
(Next Generation Researchers Training Program)**

HIRAKU

(Home for Innovative Researchers and Academic Knowledge Users)

<http://home.hiroshima-u.ac.jp/hiraku/en>

1. Outline and Objectives

The Program for the Practical Training and Engagement of Innovators is aimed to foster young researchers that explore new domains beyond the boundaries of their specialization, be it in science technology or agriculture, medical care, humanities, or social science, with high consciousness and enthusiasm to change society. As part of the program to pursue its objectives, the Consortium offers a long term internship program to young researchers so that they can contribute themselves to resolve real problems in companies or society, improve their practical skills and competencies, and expand their career options in the future.

*1 For more information on the Program for the Practical Training and Engagement of Innovators, please refer to the Attachment 1 ("HIRAKU (Outline)").

*2 This program aims to identify any gaps in experiences or competencies of young researchers based on their background, research activities, career plans and so forth, and promote them to acquire opportunities to fill those gaps, which eventually nurtures human resources who can maximize their competencies in wide range of opportunities outside the academia.

2. Applicant Qualification

- Doctoral students (excluding the master program) enrolled at Hiroshima University as Lead Partner Organization of the Consortium, Yamaguchi University and Tokushima University as Co-Partner Organizations of the Consortium or Okayama University, Shimane University, Tottori University, Ehime University, Kagawa University, Kochi University, Naruto University of Education, Gifu University, National Institute of Genetics, Prefectural University of Hiroshima, Hiroshima City University, Hiroshima International University and Ritsumeikan University, as Member Organizations, or researchers on fixed-term contracts with the above listed universities who have completed doctoral programs (excluding the master program) within the last five years or so.

3. Number of Interns to be accepted

Approximately nine (Female applicants will be preferentially accepted for a small number of positions.)

4. Contents of the Long-Term Internship Program

- (1) Host Organization: private companies, public institutions, non-profit organizations, international organizations or primary/secondary educational development institutes, in or outside Japan,
- (2) Term of the Internship: more than 2 months
- (3) Contents of the Program: On-the-Job-Training at the host organizations, pre-internship

training, post-internship training.

- (4) Others: Accepted applicants at Hiroshima University or at the Member Organizations must take the subject class “Long-Term Internship” at Hiroshima University

5. Application Procedure

- (1) Applicants are supposed to take preliminary consultation before submitting Application Documents. Please raise an interview request for consultation in the “Young Researcher’s Portfolio (HIRAKU-PF)”. Please bring your Application Documents to the interview.

- (2) Application Documents

- ① Application Form: 1 copy

- ② Letter of Recommendation written by the applicant's academic supervisor: 1 copy

- ③ Certificate of Enrollment: 1 copy

- ④, Written Consent of the Representative of your Enrolled Organization*: 1 copy

*Only for those enrolled at or contracted with one of the HIRAKU Member Organizations

- (3) Application Period:

October Term: October 1, 2017 (Sun) – October 31, 2017 (Tue)

November Term: November 1, 2017 (Wed) – November 30, 2017 (Thu)

December Term: December 1, 2017 (Fri) – December 31, 2017 (Sun)

January Term: January 1, 2018 (Mon) – January 31, 2018 (Wed)

February Term: February 1, 2018 (Thu) – February 28, 2018 (Wed)

March Term: March 1, 2018 (Thu) – March 31, 2018 (Sat)

6. Screening Procedure

- (1) Screening of the Application Documents
- (2) Oral Interview (to be conducted at the beginning of the following month to each term of the Application period set in 5-(3) when necessary)
- (3) Announcement of Screening Results (*Training period will be one year, starting from the date the applicant has passed the full screening.)

7. Treatment

- (1) Salary (up to 150,000 yen/month)

Accepted Applicant needs to sign an employment contract with HIRAKU Lead Partner Organization or Co-Partner Organizations for the period of the subject internship. If you are enrolled at any one of the HIRAKU Member Organizations, you’ll be employed as Researcher under part-time contract with Hiroshima University.

- (2) Travel expenses to get to the host organizations in or outside Japan

- (3) Expenses for consumables related to the internship (as deemed to be necessary)

8. Inquiries

HIRAKU Operating Council Office

Young Researcher Development, Global Career Design Center, Hiroshima University
1-7-1 Kagamiyama Higashihirosima-shi Hiroshima 739-8514
Tel: 082-424-2058
E-mail: hiraku@hiroshima-u.ac.jp

9. Submission of Application Documents

【For applicants enrolled at Hiroshima University or Member Organizations】

Please submit a list of required application documents in PDF, via “Young Research’s Portfolio (HIRAKU-PF)”

【For applicants enrolled at Yamaguchi University】

URA, Strategic Planning & Operation Department for Research Initiatives
Organization for Research Initiatives
Yamaguchi University
1677-1, Yoshida Yamaguchi-shi Yamaguchi 753-8511
Tel: 083-933-5255 0836-85-9990
E-mail: conso@yamaguchi-u.ac.jp

【For applicants enrolled at Tokushima University】

Center for Research Administration & Collaboration Research Administration Section
Tokushima University
2-1 Minamijosanjima Tokushima-shi Tokushima 770-8506
Tel: 088-656-9759
E-mail: hiraku@tokushima-u.ac.jp

1. Ambition for the Long-Term Internship

Please describe your ambition for the long-term internship, in line with its objectives, with a focus on the following four points. (Less than 500 words)

- ① Motives for applying (e.g. How you're planning to leverage the internship experience at your career development.)
- ② Desired host organizations/institutions or the desired field (if you have in your mind) and the reason behind.
- ③ Skills / knowledge you are aiming to obtain through the internship program
- ④ Career aspiration post the internship

2. Research Summary up to date

Please describe your research to date, focusing on the research contents, the background, the characteristics unique to the research and the current progress, with less than 250 words in plain and brief language. (You can attach graphs/charts)

3. Research Achievement (as Reference)

Please describe the achievement of the Applicant's research for the below listed items in a consecutive manner. Please write "None." under the items not applicable. Please make the Applicant's name bold and underlined on each item.

- (1) Dissertation and writing works published in academic journals, etc. (including bulletins / collection of papers). Please clearly state whether they are peer-reviewed or not. If such dissertation/writing works are peer-reviewed, please list up only those already printed and determined to be published.
 - ① Please provide details of the dissertations/writing works in the following order; authors (Please write down all the authors including the Applicant in the same order as they appear in the publication), the titles of the dissertations/writing works, the names of the journals, the volume/issue numbers, the first and last page numbers of the dissertations/writing works and the year of publication. Same information needs to be provided as well for the below (2) Reviews or explanatory notes in academic journals or business magazines.
 - ② In case such dissertation/writing works are determined to be published but with no page numbers etc. issued yet, please attach documents to prove the determination.
- (2) Reviews or explanatory notes in academic journals or business magazines (only those already published)
- (3) Presentations at international conferences (please list those already presented, with clear segregation of oral or poster presentations as well as with or without peer-review.), authors (all the authors including the Applicant in the same order as they appear in the publication), the titles of the presentation, the name/venue and date (month and year) of the conference where presented. Please underline the presenter's name in the list.
- (4) Presentations at conferences/symposiums, etc. in Japan (The same list of information as the above (3) Presentations at international conferences needs to be provided.)
- (5) Patents, etc. (please specify the publication or acquisition of the patent.)
- (6) Others (awards received, etc.)

Date: _____

**Letter of Recommendation
for Long-Term Internship Program FY2017 (7th Term) Applicant (DC)**

I fully understand the objectives of the Program for the Practical Training and Engagement of Innovators and hereby recommend the person named below as the candidate for the subject Long-Term Internship Program.

(Name of the Applicant)

(Signature)

Name:

Title:

Organization/School

Contact Information (TEL/E-mail):

- ① **Your relationship to the Applicant**

- ② **Please describe below the Applicant's research attitude, research progress, subject knowledge/skills, and other competencies such as inventiveness/creativity, communication skills, leadership, etc.**

- ③ **What is the significance of this long-term internship experience to the Applicant?**

Note: Letter of Recommendation needs to be completed within one page and sealed up tightly for submission.

1. Ambition for the Long-Term Internship

Please describe your ambition for the long-term internship, in line with its objectives, with a focus on the following four points. (Less than 500 words)

- ① Motives for applying (e.g. How you're planning to leverage the internship experience at your career development.)
- ② Desired host organizations/institutions or the desired field (if you have in your mind) and the reason behind.
- ③ Skills / knowledge you are aiming to obtain through the internship program
- ④ Career aspiration post the internship

2. Research Summary up to date

Please describe your research to date, focusing on the research contents, the background, the characteristics unique to the research and the current progress, with less than 250 words in plain and brief language. (You can attach graphs/charts)

3. Research Achievement (as Reference)

Please describe the achievement of the Applicant's research for the below listed items in a consecutive manner. Please write "None." under the items not applicable. Please make the Applicant's name bold and underlined on each item.

- (1) Dissertation and writing works published in academic journals, etc. (including bulletins / collection of papers). Please clearly state whether they are peer-reviewed or not. If such dissertation/writing works are peer-reviewed, please list up only those already printed and determined to be published.
 - ① Please provide details of the dissertations/writing works in the following order; authors (Please write down all the authors including the Applicant in the same order as they appear in the publication), the titles of the dissertations/writing works, the names of the journals, the volume/issue numbers, the first and last page numbers of the dissertations/writing works and the year of publication. Same information needs to be provided as well for the below
 - (2) Reviews or explanatory notes in academic journals or business magazines.
 - ② In case such dissertation/writing works are determined to be published but with no page numbers etc. issued yet, please attach documents to prove the determination.
- (2) Reviews or explanatory notes in academic journals or business magazines (only those already published)
- (3) Presentations at international conferences (please list those already presented, with clear segregation of oral or poster presentations as well as with or without peer-review.), authors (all the authors including the Applicant in the same order as they appear in the publication), the titles of the presentation, the name/venue and date (month and year) of the conference where presented. Please underline the presenter's name in the list.
- (4) Presentations at conferences/symposiums in Japan (The same list of information as the above (3) Presentations at international conferences needs to be provided.)
- (5) Patents, etc. (please specify the publication or acquisition of the patent.)
- (6) Others (awards received, etc.)

Date: _____

**Letter of Recommendation
for Long-Term Internship Program FY2017 (7th Term) Applicant (PD)**

I fully understand the objectives of the Program for the Practical Training and Engagement of Innovators and hereby recommend the person named below as the candidate for the subject Long-Term Internship Program.

(Name of the Applicant)

(Signature)

Name:

Title:

Organization/School

Contact Information (TEL/E-mail):

④ Your relationship to the Applicant

⑤ Please describe below the applicant's research attitude, research progress, subject knowledge/skills, and other competencies such as inventiveness/creativity, communication skills, leadership, etc.

⑥ What is the significance of this long-term internship experience to the Applicant?

Note: Letter of Recommendation needs to be completed within one page and sealed up tightly for submission.

【Only applicable to Member Organizations】

Letter of Consent

To President of Hiroshima University

With regards to the Long-Term Internship Program participation by (Name of the Applicant) ,
I hereby consent to the following conditions:

Conditions

1. The subject Applicant (“the Applicant”) will take the class “Long-Term Internship,” the Common Subject of Graduate School in Hiroshima University, in case he or she is a doctoral student (excluding the master’s program).
2. In case the Applicant is a doctoral student (excluding the master’s program), we, as the university he or she belongs to, will enroll him or her into the Personal Accident Insurance for Students Pursuing Education and Research (“PAS”) and the Liability Insurance for Students Pursuing Education and Research (“LSR”) on our own responsibility.
3. We will conclude, after consultation, the Memorandum and the Internship Description relating to the Internship under the Program for the Practical Training and Engagement of Innovators with Hiroshima University and the host organization.

Date: _____

(Signature) _____

Name of Representative:

Title:

Organization:

Address:

Building of Consortia for the Development of Human Resources in Science and Technology**Home for Innovative Researchers and
Academic Knowledge of Users (HIRAKU)
Outline of the Consortium**

The "HIRAKU or Home for Innovative Researchers and Academic Knowledge Users," (referred as "the Consortium" herein after) is an industry-government-academia consortium, driven by Hiroshima University as Lead Partner Organization, Yamaguchi University and Tokushima University as Co-Partner Organizations, in collaboration with other member organizations that consist of national/public/private universities, private sectors and public institutions in western Japan (mainly in the Chugoku/Shikoku region). It aims to develop doctorate resources who assume leading roles to resolve variety of problems in highly-complicated society.

The Consortium serves therefore as a platform that supports the operation of the two programs: (1) Practical Training and Engagement of Innovators and (2) Promotion of Young Researchers' Independence and Mobility through the introduction of tenure-track positions. Through these programs, the Consortium provides comprehensive support to doctoral students, postdoctoral researchers, and tenure-track researchers according to the respective stages of their career development.

(1) Program for the Practical Training and Engagement of Innovators

In this program, the Consortium prepares a practical development environment for young researchers (including doctoral students) who belong to member organizations of the Consortium so that they can be independent innovators to reform regional communities and the international society. The Consortium, in partnership with member organizations, also provides young researchers various opportunities to contribute to resolve problems in private sector or in local society, such as collaborative research, PBL-oriented internships, etc. Here are the four key streams of the program:

- ① To develop young researchers' capabilities in research initiatives and project planning
- ② To send young researchers to the long-term internship program (for

more than 2 months)

- ③ To offer interactive opportunities to exchange seeds and needs
- ④ To provide advice and guidance as a career matchmaker

(2) Program for the Promotion of Young Researchers' Independence and Mobility through the introduction of tenure-track positions

The member organizations of the Consortium will launch a joint call for applications for tenure-track researcher's positions from promising young researchers within and outside Japan. Upon appointment of selected applicants, the Consortium will provide research environment in which they can independently work as PI and, through the introduction of diverse and highly mobile employment schemes (including laboratory rotation and cross appointment), provide them with diversified opportunities to build network with researchers at other institutions as well as to have learning experiences, and work as a matchmaker to find final host organizations. A few positions will be secured for female applicants to increase active opportunities for talented females. Here are the details of the program/support:

- ① To set URA and research administrators prepared, and provide environment to concentrate on research as well as a scheme to support research initiatives.
- ② To offer financial support for start-up grants as well as other research expenses
- ③ To support development of member organizations and researchers both and create employment opportunities to find the right researcher for the right position.
- ④ To keep mentors available