



COOPERATIVE EDUCATION THROUGH RESEARCH INTERNSHIPS

Information Session for Students

Coop-J Consortium Administration Office

(Operated by Acaric Co., Ltd.)



文部科学省

MEXT

MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN

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An isometric illustration of a multi-level building with various scientific and educational icons. The building has several platforms and stairs. On the top level, there is a large lightbulb and two people. The middle level features a microscope, a globe, and a stack of papers. The bottom level has a calculator, a pencil, and a ruler. People are walking on the stairs and standing on the platforms. The entire illustration is in a light blue and white color scheme.

1. Overview

Action to Achieve the Ideal Society for Japan

Cabinet Office, the Government of Japan

[Goal to Achieve] The number of
STEM-related PhD holders joining industry:
+1,000 (65% UP) by 2025

[Action] Promotion of long-term paid
internships in the industrial sector

Japan Business Federation, a.k.a. Keidanren

"We should actively promote the internships
that are based on new understandings
(of the current situations)."

"We promote the job-based internships
for postgraduates"



**Both the Government and the Business Federation
in Japan reached the policy to promote long-term
internships for doctoral students**

Characteristics of this Internship Program

Eligible for **doctoral students** with potentials and fundamental abilities to conduct research activities

Long-term* & **paid** research internships

*at least 1 month

Part of **official education** in graduate school with school credits

Aligned with the job description: requirements, selection process, and task execution

Conducted as part of the **recruitment process**; evaluation results leveraged for job applications.

[Source] MEXT Guidelines (https://www.mext.go.jp/b_menu/internship/1421136_00002.htm)

Important Points

Long-term Internships

- While the guidelines stipulate a minimum duration of one month, the specific length varies depending on the specific program or offering (e.g., 1.5 months, 2–3 months, 6 months, etc.).

Job Description (JD)

- This outlines the content of the duties and the required qualifications.
- This is beneficial because it serves as a reference when considering whether to apply, helping to reduce potential mismatches.

Consortium Member Companies Only

- It is only open to corporate members participating in the Coop-J Consortium.
- Corporate members post job descriptions and recruit through the Coop-J system.

List of Corporate Members

*For updates, please visit
the Coop-J Consortium website.



- Acaric Co., Ltd.
- Asahi Kasei Corp.
- Asahi Quality & Innovations, Ltd.
- INPEX Corp.
- Uhuru Corp.
- Air Liquide Laboratories, Inc.
- AGC Inc.
- SK Intellectual Property Law Firm
- EduLab, Inc.
- NTT, Inc.
- Ericsson Japan K.K.
- LSAS Tec Co., Ltd.
- Oki Electric Industry Co., Ltd.
- Kao Corp. (R&D Division)
- Kawaken Fine Chemicals Corp.
- Canon Inc.
- Kirin Holdings Co., Ltd.
- QunaSys Corp.
- KH Neochem Corp.
- Research Organization for Diagnostic Techniques for Structures
- Kobe Steel, Ltd.
- Konica Minolta, Inc.
- CyberAgent, Inc.
- Satake Corporation
- Samsung R&D Institute Japan Co., Ltd.

- JX Advanced Metals Corp.
- Shionogi & Co., Ltd.
- Shimadzu Corp.
- Sharp Corp.
- SWCC Corporation
- Man-Machine Synergy Effectors, Inc.
- Suzuki Shokan Co., Ltd.
- Sumitomo Chemical Co., Ltd.
- Sumitomo Bakelite Co., Ltd.
- Central Glass Co., Ltd.
- SoftBank Corp.
- Dai-ichi Life Insurance Co., Ltd.
- Daiichi Sankyo Co., Ltd.
- Daikin Industries, Ltd.
- Daicel Corp.
- Takeda Pharmaceutical Co., Ltd.
- Chugai Pharmaceutical Co., Ltd.
- TDK Corp.
- Data Seed Inc.
- DENSO Corp.
- Toagosei Co., Ltd.
- UTokyo Innovation Platform Co., Ltd.
- Toray Industries, Inc.
- Toyota Motor Corp.
- NS Solutions Corp.
- Nitto Boseki Co., Ltd.

- ASM Japan K.K.
- Niterra Co., Ltd.
- NGK Insulators, Ltd.
- Panasonic Corp.
- Hitachi, Ltd.
- Feedforce Group Inc.
- Beyond Next Ventures Inc.
- Fujitsu Ltd.
- Plug and Play Japan KK
- Bridgestone Corp.
- Proxima Technology Inc.
- Mitsui Chemicals, Inc.
- Mitsui Sumitomo Insurance Co., Ltd.
- Sumitomo Mitsui Trust Bank, Ltd.
- Mitsui Fudosan Co., Ltd.
- Mitsubishi Chemical Corp.
- Mitsubishi Electric Corp.
- Mitsubishi Materials Corp.
- Mitsubishi UFJ Trust and Banking Corp.
- Mizuho Financial Group, Inc.
- Mercari, Inc.
- Moldmodel Co., Ltd.
- Ridge-i Inc.
- National Institutes for Quantum Science and Technology

*As of the end of March, 2026

Definitions of “Internships” in Japan today

タイプ1

オープン・カンパニー Open Company

Type 1

業界・企業による説明会・イベント



タイプ2

キャリア教育 Career Education

Type 2

大学等の授業（講義）や企業による教育プログラム



タイプ3

汎用的能力・専門活用型インターンシップ

Type 3

Generalist/Specialist Internship



タイプ4

高度専門型インターンシップ

Type 4

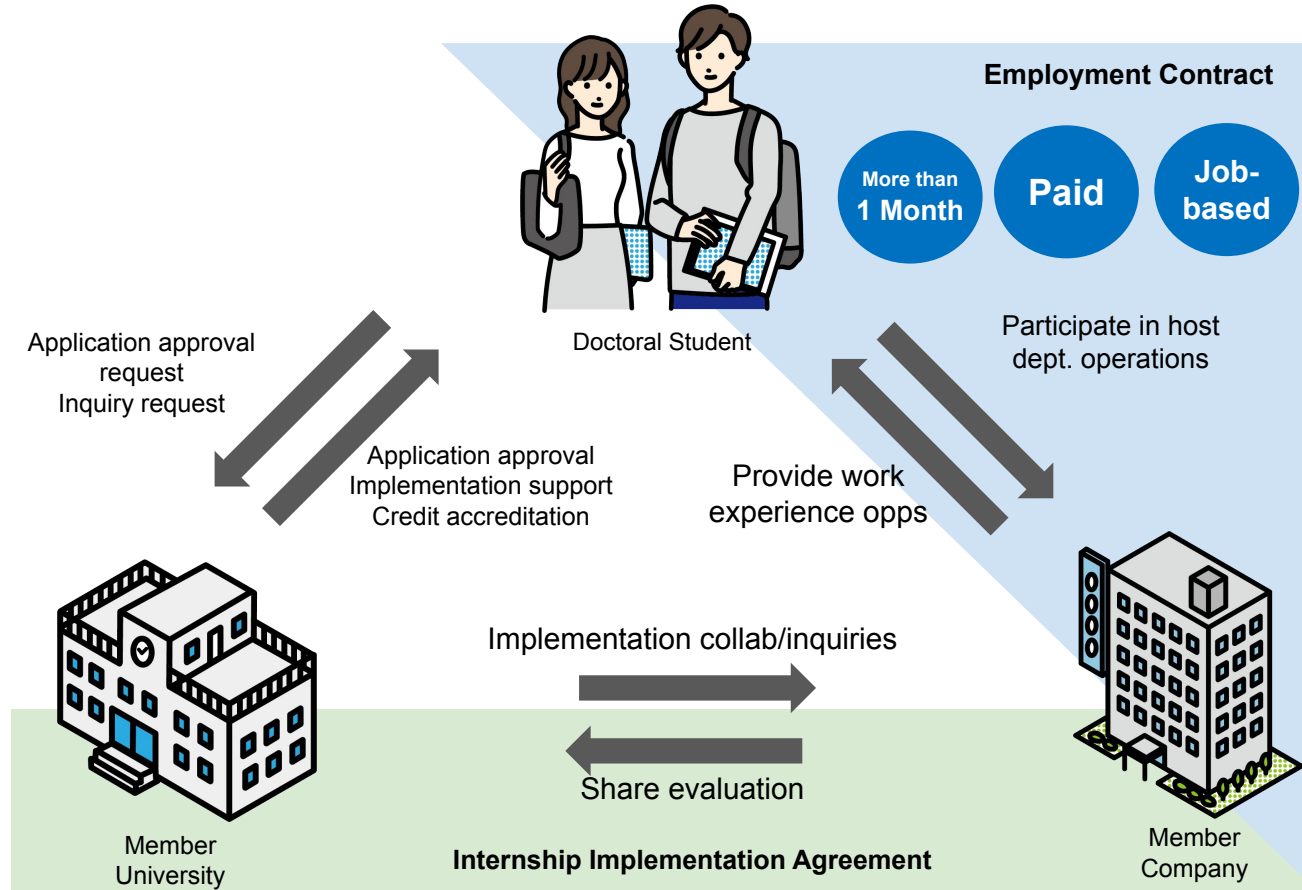
Advanced Internship
(Cooperative Education through Research Internships)



→ Companies can use these internships as a part of selection process

[Source] https://www.keidanren.or.jp/policy/2022/039_leaflet2.pdf

Carried out in the university-company collaboration



Types of Implementation

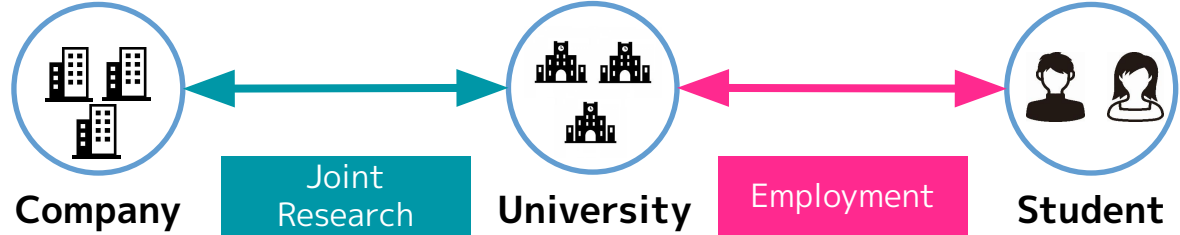
1. Direct Employment

This is the basic implementation type for Cooperative Education through Research Internships.

The dedicated system is used for posting offers, applications, exchanging messages, and notifying selection results.

***Note: The Direct Employment Type will be explained in this session.**

2. Joint Research



Applicable when a joint research contract has been concluded, and the university employs the student as an RA or equivalent using the joint research funds as the source. Both the university and the company/organization must be members.

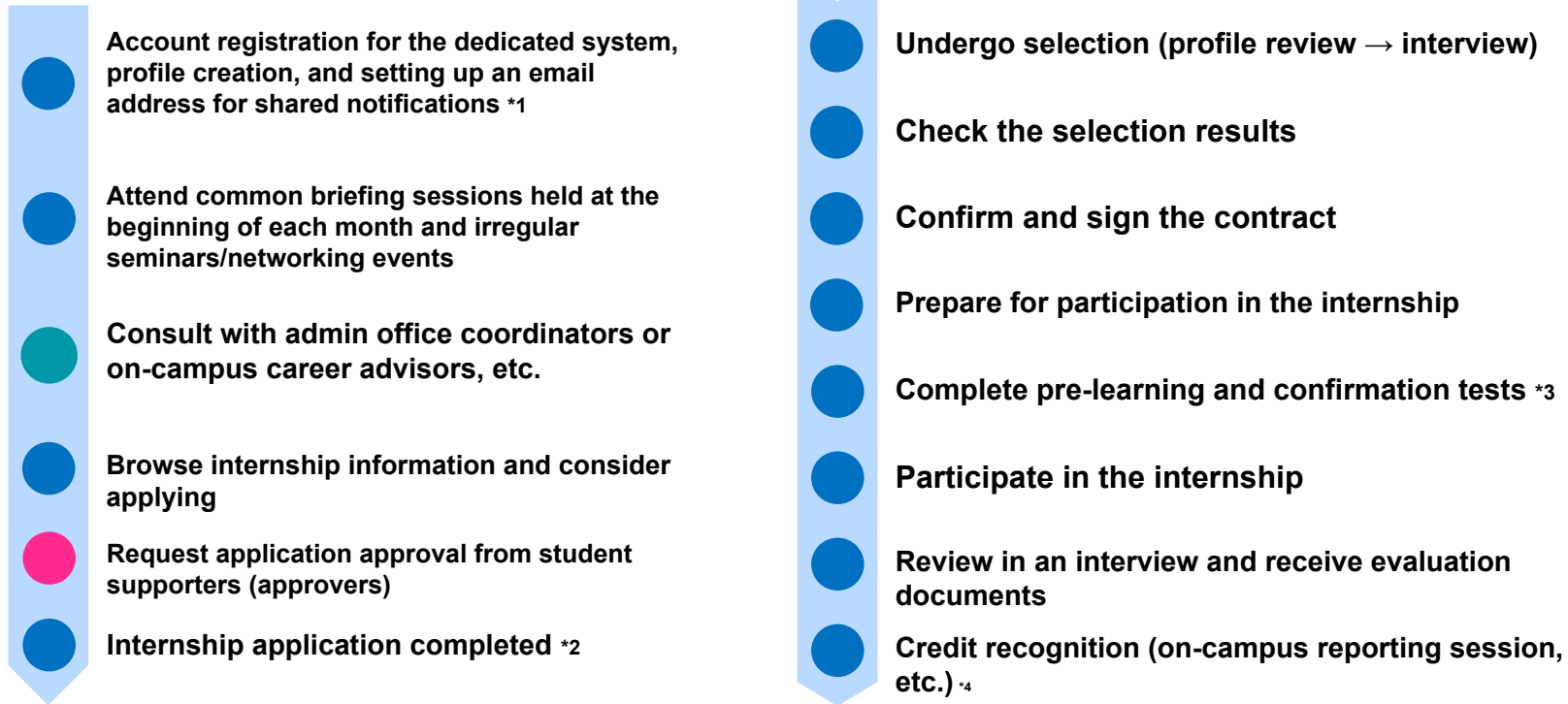
3. Certified Program

For internships and similar initiatives that meet the requirements equivalent to the Direct Employment Type, the Consortium reviews the application and grants individual certification approval. *Note: Starts from FY2026.

An isometric illustration of a multi-level building with various scientific and educational icons. The building has several platforms and stairs. On the top level, there is a large lightbulb and two people. The middle level features a microscope, a globe, and several people. The bottom level has a calculator, a pencil, and a ruler. The entire scene is rendered in a light blue and white color scheme.

2. Preparation

Overall Flow



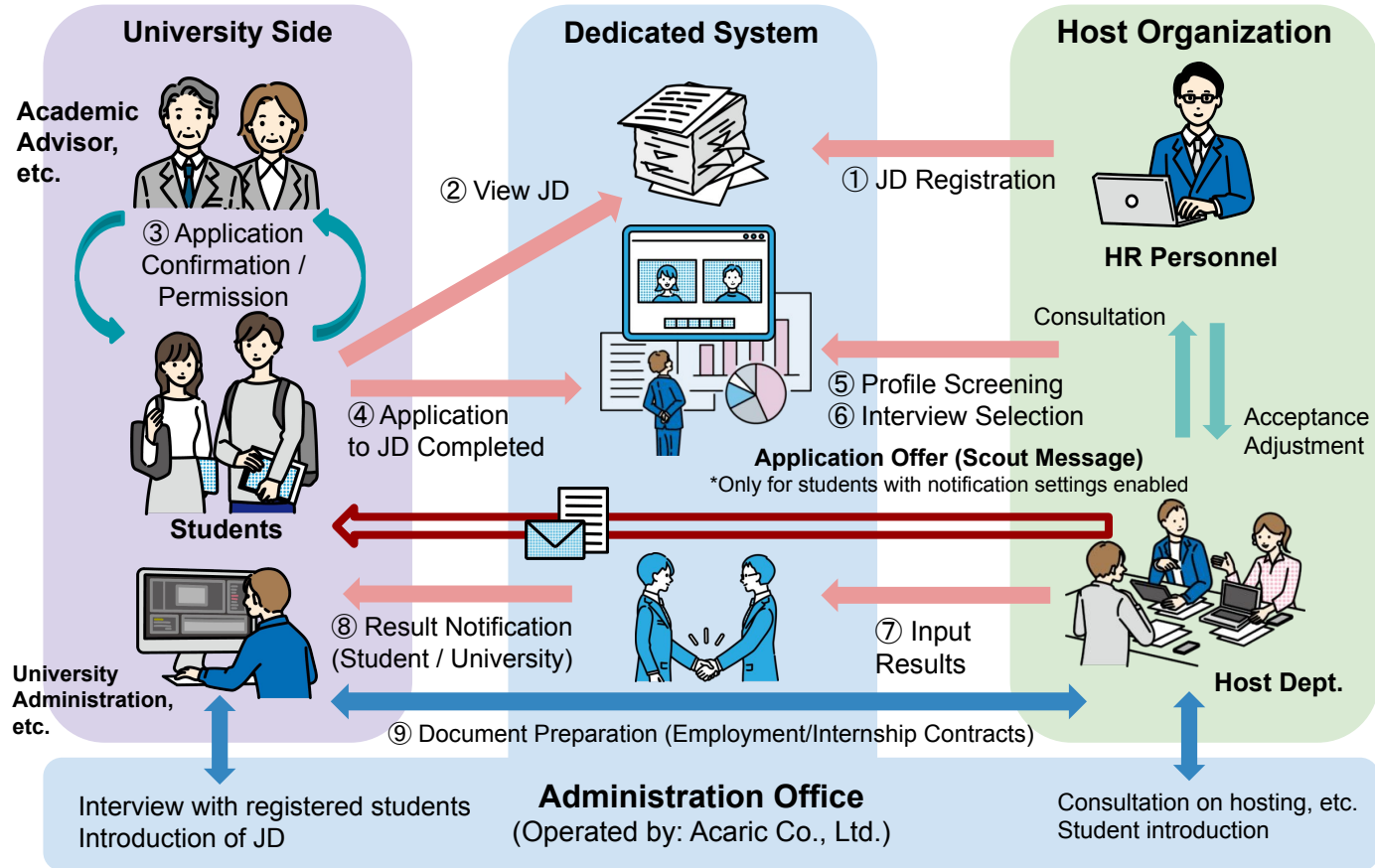
*1: Each university may have additional operational rules. Please follow any instructions from your university.

*2: At this point, the company will be notified of the student's application and will be able to access the student's profile, including names and email.

*3: To participate in the internship, you will be required to study pre-learning materials and answer a confirmation test covering three areas prepared by the administrative office: "Intellectual Property and Patents," "Information Management and Cyber Risk," and "Safety and Health Management."

*4: The timing of course registration varies by university, so it may occur after the internship has been completed.

Overview of Matching Process via Coop-J System



* The URL for the dedicated system is provided to eligible students by the respective university department.

* Some universities require internal procedures before use; please follow instructions from your university.

In Case Social Insurance of Host Company Applies

- If the internship is for two months or longer, **the intern will be required to join the social insurance (health insurance and employee pension insurance) of the host company.** (*If the weekly working hours are more than 75% of the company's regular employees)
- (mainly Japanese students) If you are a dependent of a family member, **we recommend that you share this information with your dependents in advance,** as it will affect the amount of take-home pay for your dependents.
- Please note that if you are covered by your host company's social insurance, **you will need to switch to your original insurance (National Health Insurance of Japan) after the internship.**

Compatibility with JSPS and Other Grants

You can participate in the internship program as long as it meets the purpose of each project. Please check about payments as follow:

- **JSPS Research Fellowship for Young Scientists**
→Up to 6 months in total; You must notify JSPS after the internship
- **University Fellowship Creation Project / SPRING Program**
→No restriction
- **Government-sponsored international students, MEXT Scholarship for Privately Financed International Students**
→You need Permission to Engage in Activity Other Than That Permitted under the Status of Residence Previously Granted
- **WISE Program**
→The university will set an appropriate amount based on the fact that the DC can receive internship payments, considering the combined amount of payments.

Set Up Address for Sharing Email Notifications

Students add the University Student Support Members address as **[Your student supporter(supporters' email address)]** (“メール通知共有用アドレス”) for status sharing of application, matching results and subsequent contracting procedures.

- Students add the University Student Support Members address.
 - Students confirm the address of their academic advisor and/or other relevant members.
 - The administration office address may be automatically populated.
- In improper entry, administration account may correct the information.

メール通知共有用役職 / Your student supporter(supporters' position) 必須

選択してください

メール通知共有用氏名 / Your student supporter(supporters' name) 必須

メール通知共有用アドレス / Your student supporter(supporters' email address)
(キャリアセンター、指導教官等、応募状況を共有したいアドレスを追加してください) 必須

☐ このアドレスを応募時の承認者に加える

認証依頼する

Click here to send a confirmation email to the supporter

An isometric illustration of a multi-level building with various scientific and educational icons. The building has several platforms and stairs. On the top level, there is a large lightbulb and two people. The middle level features a microscope, a globe, and several people. The bottom level has a calculator, a pencil, and a ruler. The entire scene is rendered in a light blue and white color scheme.

3. Search and Application

Find Job Descriptions (JDs)

After login, click **【インターンシップを探す】** (“Find an internship”) on the left side. Then, you can search for internship job descriptions.

ホーム

アカリク テスト 様

前回ログイン: 2022/04/26

🗂️ ダッシュボード

👤 プロフィール

✉️ メッセージ

🔔 お知らせ

🏠 **インターンシップを探す**

💖 気になる！した企業

📄 応募一覧

プロフィール充実度

75%

【充実度アップのポイント】

- ✓ 主たる研究の内容を充実
- ✓ 主要な研究業績は詳細に
- ✓ これまでの経験から得たスキルセットを具体的に

💡 **【プロフィールを充実させると】**
選考の際に企業が参考にします。
企業から直接スカウトがもらえることもあります。

↑ TOP

View JDs

Search criteria that can be set:

- **Type:** Exploratory, Grant/Award, Support (multiple selections possible)
- **Keywords:** Company name, JD title, description content are search targets (OR search)
- **Work Location:** Select from Prefectures, Overseas, Remote (multiple selections possible)
- **Recruitment Month:** Select from January to December, All Year Round (multiple selections possible)
- **Research Field:** Select from the 64 medium-sized categories of Kakenhi (Grant-in-Aid for Scientific Research) (multiple selections possible)

The screenshot shows the 'Coop-J consortium' website, which is the 'ジョブ型研究インターンシップ推進協議会' (Job-type Research Internship Promotion Association). The page is titled 'ホーム > インターンシップを探す' (Home > Find Internship). The main search area is 'インターンシップを探す' (Find Internship). There are two buttons at the top right: '企業表示' (Show Companies) and '一覧表示' (List View). Below the search area, there are several filters: '類型' (Type) with buttons for 'テーマ探索型' (Theme Exploration Type), 'テーマ付与型' (Theme Assignment Type), and '研究開発支援型' (Research Development Support Type); 'キーワード' (Keywords) with a text input field 'タイトル、企業名、内容で検索' (Search by title, company name, content); '勤務地 (複数選択可能)' (Work Location (multiple selections possible)) with a dropdown menu '選択してください' (Please select); '募集月 (複数選択可能)' (Recruitment Month (multiple selections possible)) with a dropdown menu '選択してください' (Please select); and '研究分野 (複数選択可能)' (Research Field (multiple selections possible)) with a dropdown menu '選択してください' (Please select). At the bottom of the search area, there are two buttons: '条件をリセット' (Reset Conditions) and '検索する' (Search). Below the search area, there is a section for 'インターンシップ検索結果' (Internship Search Results) showing '4件' (4 items). There is a dropdown menu for '新しい順' (Newest Order) and a page indicator '1 - 10 / 34'. Below the results section, there are buttons for 'テーマ付与型' (Theme Assignment Type), '博士後期課程1年' (1st year of the 2nd half of the doctoral course), '博士後期課程2年' (2nd year of the 2nd half of the doctoral course), '博士後期課程3年' (3rd year of the 2nd half of the doctoral course), and '対象学年不問' (No restriction on target year). There is also a button '気になる!' (Interested!). At the bottom, there is a button '株式' (Incorporated Company).

Find an internship

Corporate display

List display

typology

Theme exploration type

Theme-based

Research and development support type

keyword

Search by title, company name, or content

Work place
(Multiple selections possible)

please select

Recruitment month
(Multiple selections possible)

please select

Research Field
(Multiple selections possible)

☐ A: Humanities and Social Sciences

☐ Philosophy, art and related fields

☐ Literature, linguistics and related fields

☐ History, archaeology, museology and related fields

☐ Geography, cultural anthropology, folklore, and related fields

☐ Law and related fields

☐ Political Science and Related Fields

☐ Economics, business administration and related fields

☐ Sociology and related fields

☐ Education and related fields

☐ Psychology and related fields

☐ B: Mathematical and physical science

☐ Algebra, geometry and related fields

☐ Analysis, applied mathematics and related fields

☐ Condensed matter physics and related fields

☐ Plasma Science and Related Fields

☐ Particle, nuclear, and astrophysics and related fields

☐ Astronomy and related fields

☐ Earth and planetary sciences and related fields

When Google Translate is activated on Chrome, it looks like this.

Internship search results 53 su

Application approval request & Confirmation of Application Approval by Student Supporter

The application process involves the following steps

1. Fill in all required fields in your profile.
2. Click on **【応募承認依頼】** (“Application Approval Request”) in JD
3. A request will be sent from the system to all your student supporters.
4. Your student supporter reviews the approval request email and decides whether to approve your application.

応募に対する問い合わせ先 ※サンプルです

心になる!

応募承認依頼 >



(Email sent to supporters)

応募に対する問い合わせ先 ※サンプルです

却下 >

承認 >

以下の宛先にメールにて承認依頼します
間違いがないかご確認ください。

(役職) キャリア関連部局・その他
(氏名) 学生支援課 担当者
(メールアドレス) student-support@admin.sampleuniv.....

(役職) 指導教員
(氏名) 獅童 花子
(メールアドレス) shidou.hanako.ac@sampleuniv.....

(役職) キャリア関連部局・その他
(氏名) 博士 支援太郎
(メールアドレス) shientarouh@sampleuniv.....

応募承認依頼 >

Notes on Application Confirmation Screen

- Once students have decided which JD they apply for, click **【応募承認依頼】 (“Application Approval Request”)** button to proceed. Incomplete profile information will not be accepted. Students check the application requirements and advance preparations carefully before submitting application.
- In the case that **【応募時に回答を希望する質問】 (“Questions you should answer when applying”)** is listed in the JD, be sure to include it in application.
- Answers to the questions can be entered and submitted from the confirmation screen after the **【応募する】 (“Apply”)** button.

ジョブディスクリプションに質問がある場合は、回答を記入してください（1000文字以内）

24
“Questions you should answer when applying”

応募時提出資料

※ジョブディスクリプションにて提出を求められた書類や大学からの契約等に関する要望書があれば以下よりご提出ください。 Please submit any documents requested in the job description or any written requests from the university staff regarding contracts, etc., below.

中央のボタンを押すか、ファイルをドラッグ・アンド・ドロップしてください。アップロード可能なファイルはPDFのみ、サイズの上限は100MBです。

ファイルを追加

Matching going beyond specific areas of expertise

Students' Expertise

Cases of the cross-disciplinary internship placement

Math



Development of efficient algorithms for large-scale and high-performance computing

Material Engineering



Establishing and applying advanced methods for accurate cellular evaluation

Planetary Sciences



Investigation of research trends on thermal contact resistance and proposal of measurable experimental systems

Civil Engineering



Study on the Advancement of Social Infrastructure Management Using AI Technologies

Life Engineering



Advancing Data Science to Enhance Omics Analysis

*No experience in computer-aided analysis

Molecular Biology



Improving Plaster Molds in Collaboration with Chief Officer

Key points for application procedures

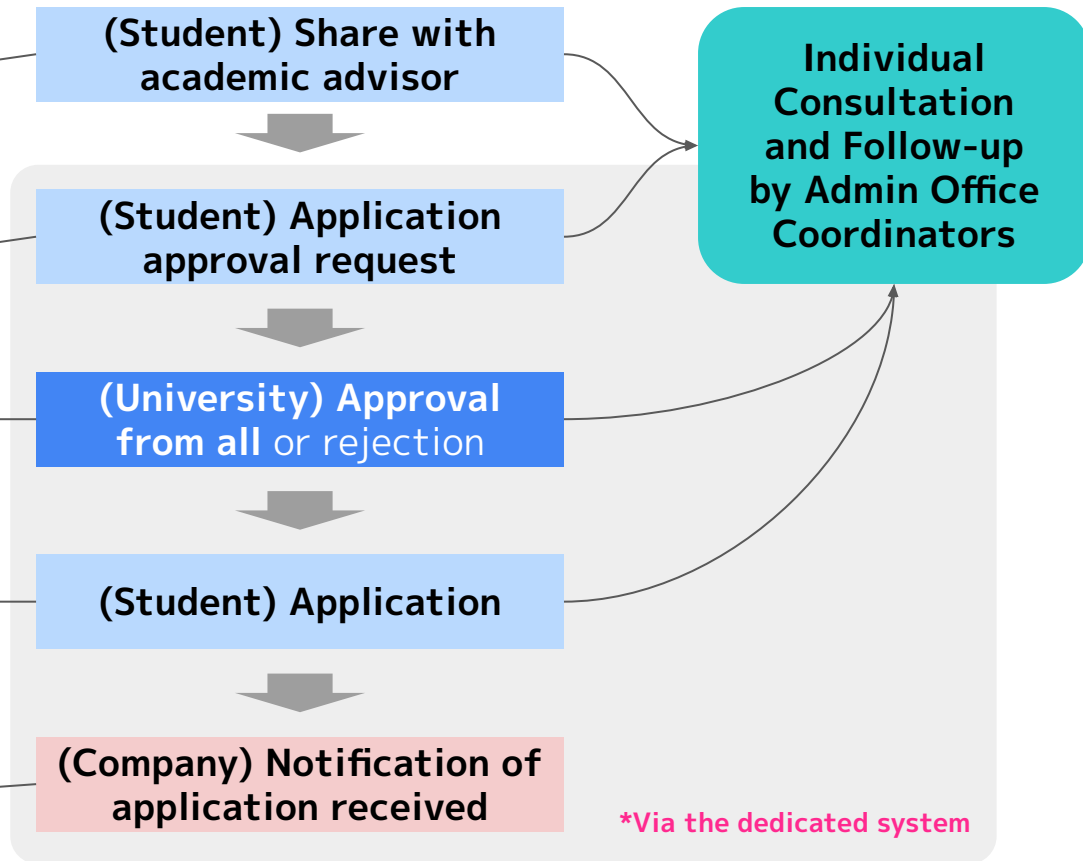
Regardless of whether they are an approver, **the academic advisor's consent is required.**

Update your profile and then click the button at the bottom of each JD.

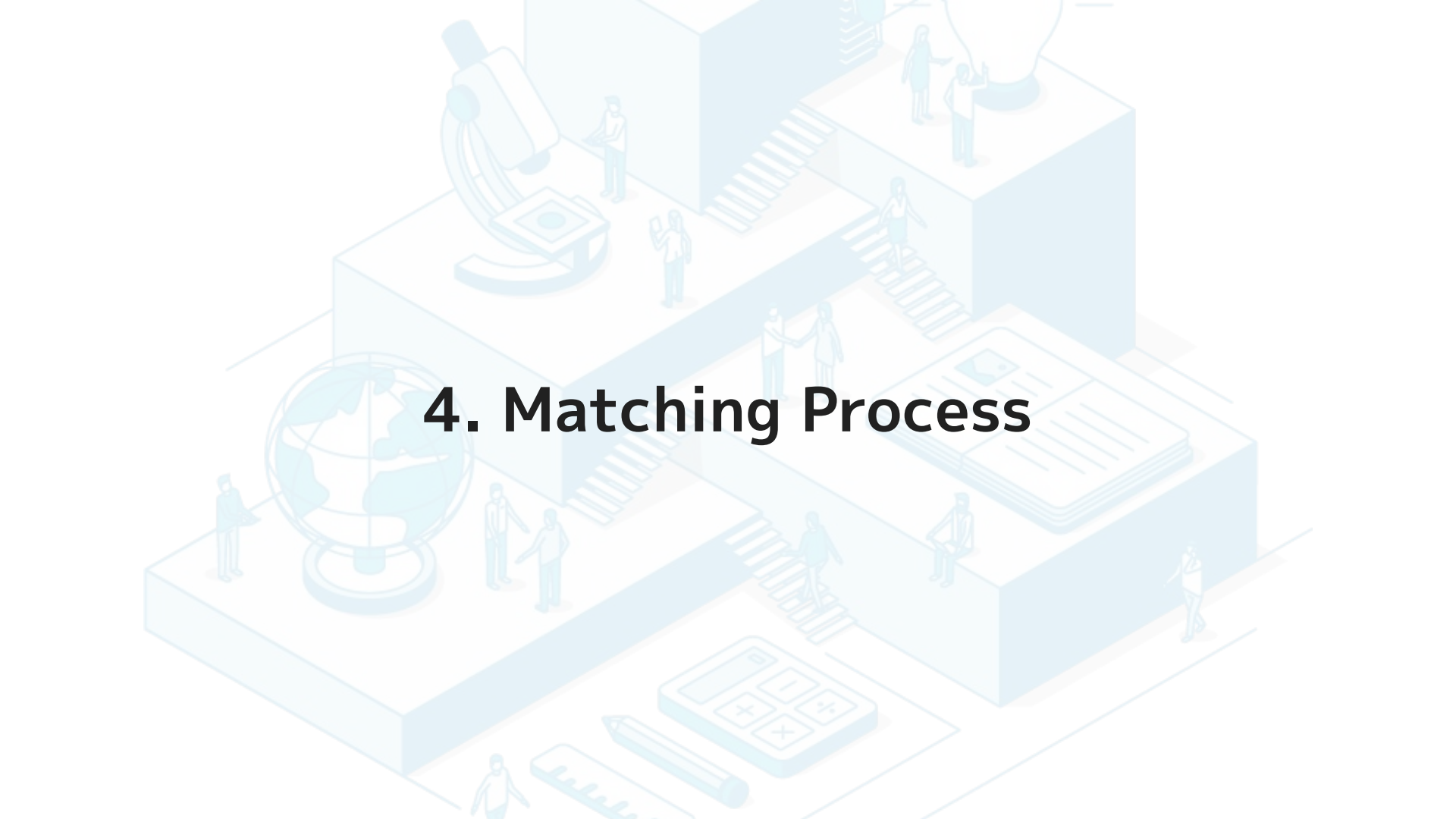
If multiple approvers are set, **approval from all is required.**

The application button will appear after approval, and **the student must complete the application.**

At this stage, the application is first communicated, and the applicant's info becomes viewable.



*Via the dedicated system

An isometric illustration of a multi-level building with various educational and professional icons. The building has several platforms and stairs. On the top level, there is a large lightbulb and two people. The middle level features a microscope, a globe, and several people. The bottom level has a calculator, a pencil, and a ruler. The entire scene is rendered in a light blue and white color scheme.

4. Matching Process

Matching Process

I. Selection by profile documents

- Some companies have a selection process by the registered profile.
- When students pass the profile selection, matching interviews will be set up.

II. Matching Interview

- In matching interviews, students meet with a responsible person for the recipient department or Human Resources.
*Matching interview in principle once, but in some cases more than once.
- If companies instructs you to prepare some materials (e.g., slides for research presentations), please do so.
- When matching results are confirmed, companies enters the results in the system, and notifies students with corresponding messages.

Confirm matching results

The selection results will be registered in the system by the applying JD companies and corresponding messages will be sent to students.

- **Notification messages are also shared with University Student Support Members.**
- In the case of notification of acceptance, **students should contact with companies to participate in the internship immediately** by system's message feature, email, telephone, etc.
- Students work with University Student Support Members to confirm the various contracts sent by companies and to prepare for the internships.
- In unsuccessful cases, selection reasons may be shared. Consult with advisors so that making the best use of the information for another internship.

Individual Consultation Service Available!

The Coop-J Administration Office provides opportunities for you to get advice concerning internships from our **professional career advisors (coordinators)**!

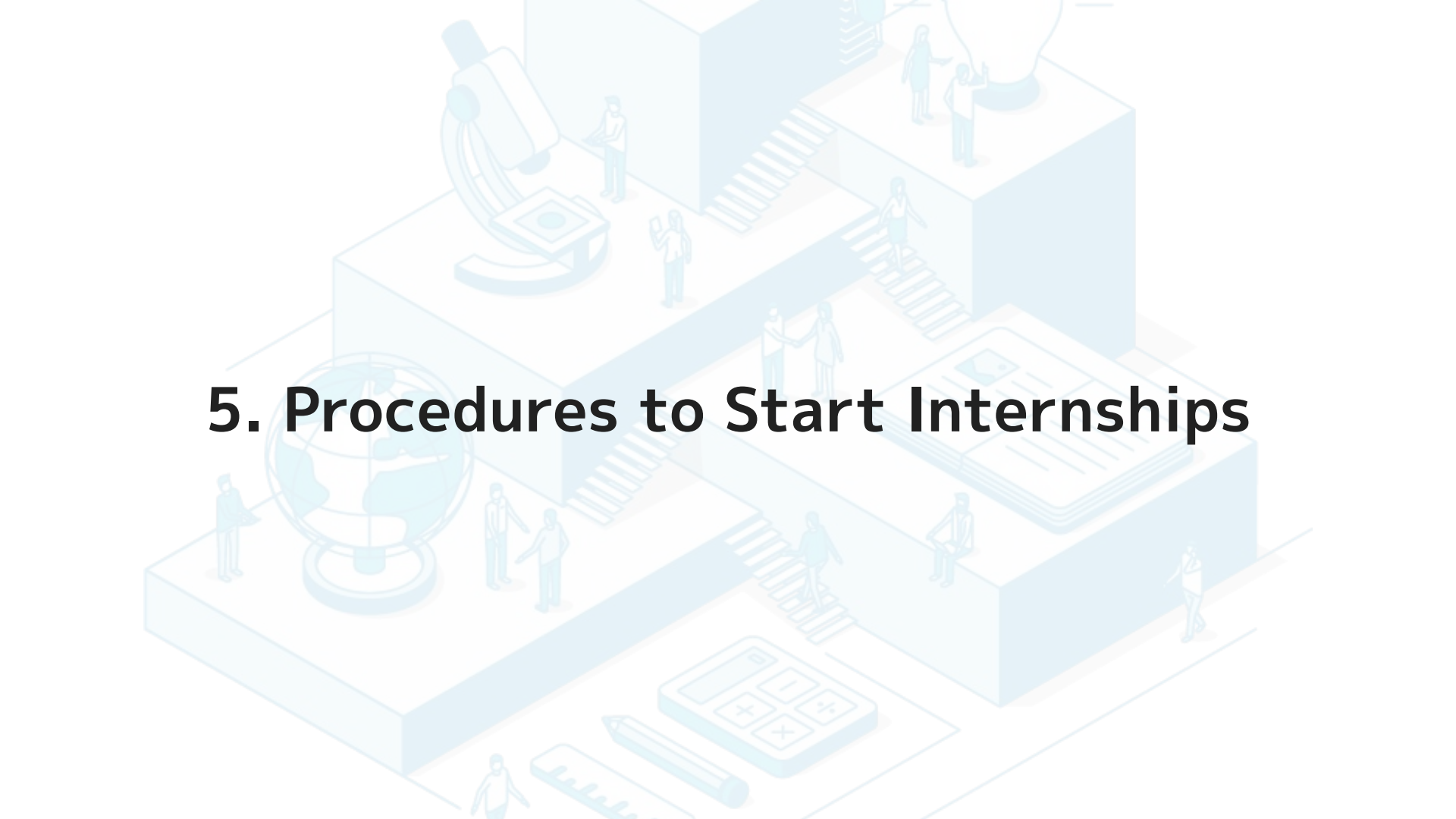
Make your reservation here: <https://forms.gle/RCeosfwcoYiBeQDX8>

Scan this to jump to the same webform:



More information is available on the **dashboard** of our web system.
(See the section shown in the screenshot ⇒)



An isometric illustration of a multi-level building with various educational and professional icons. The building has several platforms and stairs. On the top platform, there is a large lightbulb and two people. On the middle platform, there is a microscope and a person. On the bottom platform, there is a globe and a person. On the side platform, there is a calculator, a pencil, and a ruler. The entire illustration is in a light blue color scheme.

5. Procedures to Start Internships

Employment and Implementation Contracts

In this internship program, **the employment contract** between a student and a company must be signed. In addition, **internship implementation agreement** will be concluded between a university and a company.

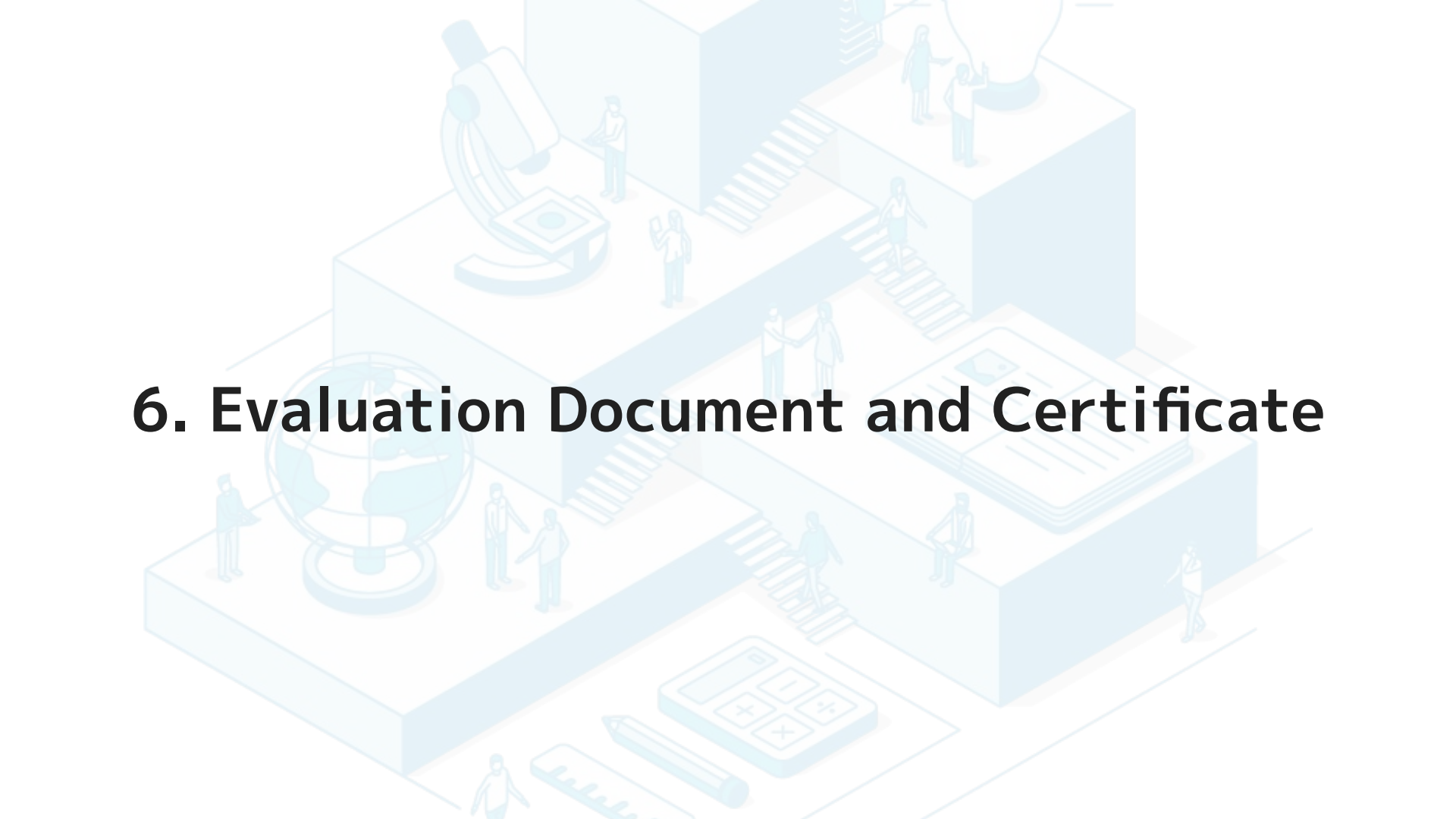
Employment Contract

- Students and Student support members coordinate the internship start date, working conditions, etc., and conclude contracts with Company.
- Students review the contents of the various contracts with University Student Support Members to ensure that there are no major discrepancies in the JD or in the interview.
- Students should discuss the actual number of working days per week or month, the frequency of work if the work location is far from the university, and also check transportation and lodging subsidies.
- For international students, there will be additional documentation for local immigration offices.

Procedures Required for International Students

- **If an international student has a comprehensive permit** , Student can participate in the research internship almost the same as a Japanese student as long as Student works **within 28 hours per week** .
- If the student who works more than 28 hours, **international students with the status of residence “Student” are required to obtain Application for permission** to engage in an activity other than those permitted by the status of residence previously granted (individual permission) from ISA in advance.
 - Please submit your application approximately **one month prior to the start of the internship** , as it takes time for the screening process to be completed. Please refer also [ISA web page](#).

Class	comprehensive permit	individual permission
Available working time	- Within 28 hours per week - Up to 8 hours per day during long vacations	- Depends on the details of the permit
Procedure	Submit the following to the regional immigration office with jurisdiction over your place of residence - Application form - Contract of employment - Residence card - Passport or Certificate of Eligibility	Submit the following to the regional immigration office with jurisdiction over your place of residence - Application form - Residence card - Passport or Certificate of Eligibility - Certificate of enrollment - Documents explaining the activity, duration of the activity, remuneration, etc. (Contract of employment or notice of working conditions, etc.)

An isometric illustration of a multi-level building with various educational and scientific icons. The building has several platforms and stairs. On the top platform, there is a large lightbulb and two people. On the middle platform, there is a microscope and a person. On the bottom platform, there is a globe and a person. On the side platform, there is a stack of books and a person. On the ground level, there is a calculator, a pencil, and a ruler. The entire illustration is in a light blue color scheme.

6. Evaluation Document and Certificate

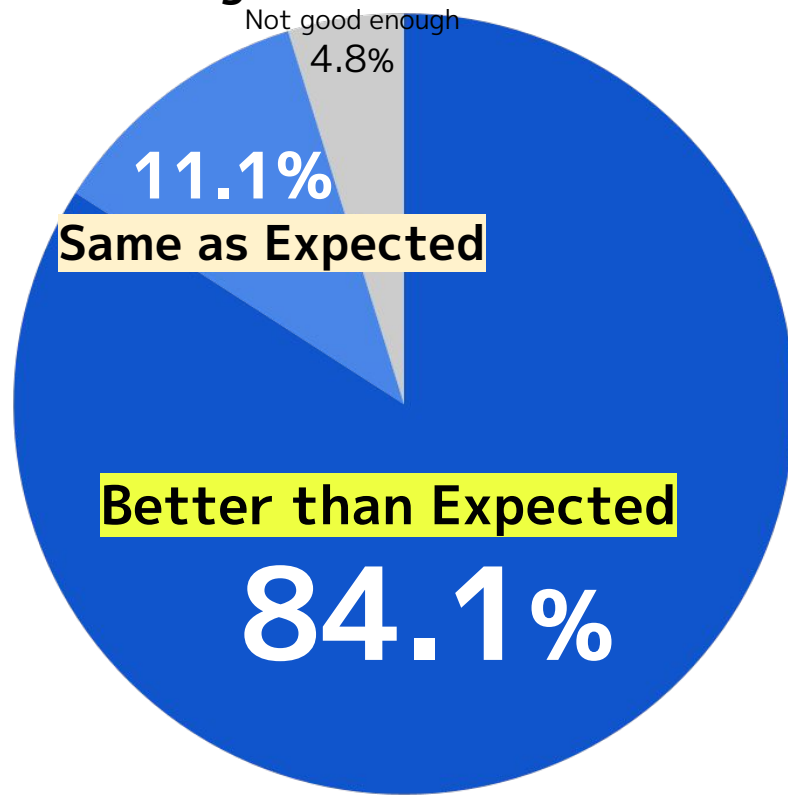
Receive Evaluation Document & Certificate

- Student will receive an **Evaluation Document** and an **Evaluation Certificate** in feedback interviews as usual.
- Evaluation Document is divided into two parts – capability evaluation section and result evaluation section. Please confirm the description of the guidelines on the next page for details (Japanese document).
- University will receive Evaluation Documents (only capability evaluation section) via system.
*Student's supporters also receive these documents.
- Result evaluation section will be presented only to Student, depending on its content. If it contains confidential information, be careful to avoid information leakage.



7. Voices from Internship Participants

Question 1: Please share your overall impressions of the internship at the host organization.



The Coop-J internships have yielded **very high satisfaction** among participating students, and they find it worthwhile to engage in it for a long period.



*FY2021-2025 (n=63)

Reasons for answers to Question 1 (excerpt)

In addition to **gaining experience in research work outside of my major**, I believe it was a great opportunity to learn more about myself from a new perspective.

It broadened my perspective and helped me develop **a more flexible way of thinking**, especially in terms of how to advance my research theme at university.

While enhancing my research knowledge and skills, I was also **able to gain firsthand experience of what it means to work within a company**.

I was given the opportunity to take on actual work responsibilities in **a capacity similar to that of a full-time employee**.



Reasons for answers to Question 1 (excerpt)

I was not only involved in research work but also had the opportunity to participate in progress meetings, where **I was treated just like a full-time employee.**

I was given **more responsibility than I had expected** and was welcomed as a member of the team.

I was also taught about the experiences of industrial researchers, which helped me gain **a deeper understanding of their perspective.**



Reasons for answers to Question 1 (excerpt)

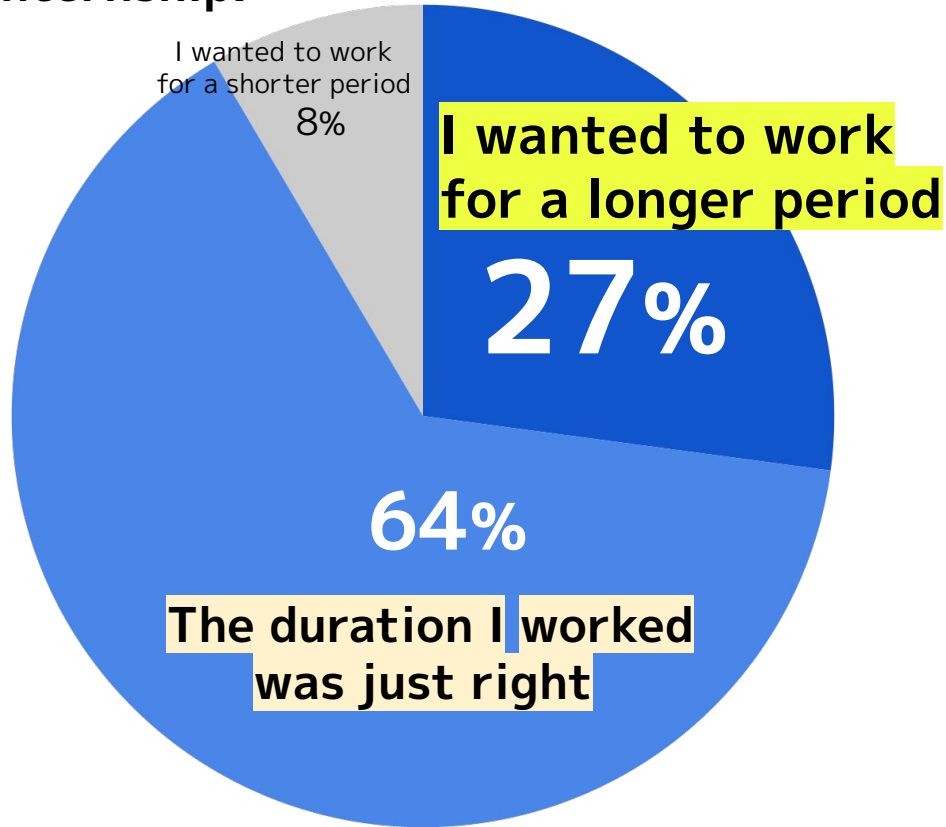
Although I had previously avoided research with a focus on product development, this was my first time engaging in such work — and **to my surprise, it turned out to be an enjoyable experience.**

Communicating with working professionals was an incredibly valuable experience.

My mentor was very kind and patiently explained the details of the project, covering both domain knowledge and technical aspects.



Question 2: Please provide information about the duration of the internship.

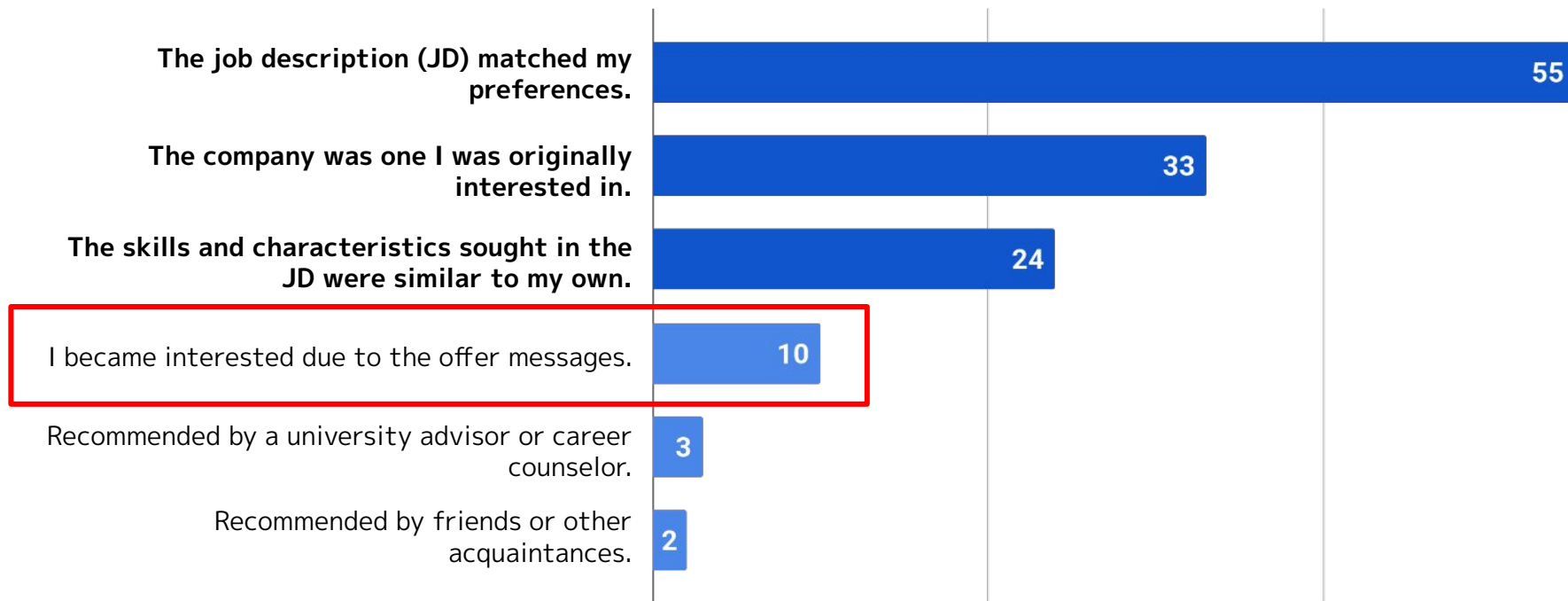


*FY2021-2024 (n=59)

One month or more is an appropriate length for gaining practical work experience



Question 3: Please explain the reasons why you chose the company you applied to this time. (Multiple answers are allowed)



*FY2021-2024 (n=59)

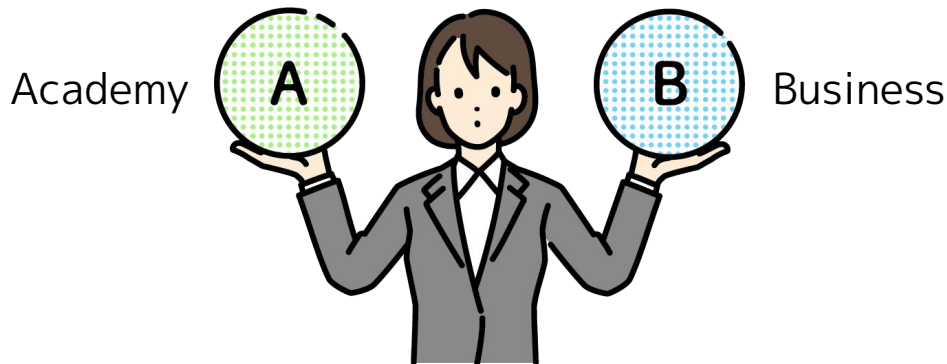
An isometric illustration of a multi-level building with various educational and scientific icons. The building has several platforms and stairs. On the top platform, there is a large lightbulb and two people. On the middle platform, there is a microscope and a person. On the bottom platform, there is a globe and a person. On the ground level, there is a calculator, a pencil, and a ruler. The text "Frequently Asked Questions" is centered over the building.

Frequently Asked Questions

FAQ

Q1. Is the Cooperative Education through Research Internships intended for those seeking employment in private companies?

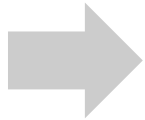
A1. The Cooperative Education through Research Internships is part of graduate education aimed at developing practical skills. Therefore, we recommend participation regardless of the desire for employment in private companies. Of course, there have been cases where internship placements have led to job offers, which can also assist in your job hunting.



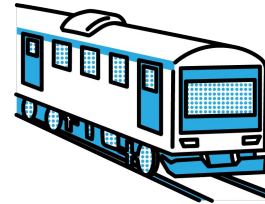
FAQ

Q2. What is the cost burden if I'm from a distant location?

A2. In many cases, companies will bear the cost. Before applying, please check the allowances section in the JD. If not specified, please confirm during the matching interview.



You can contact the company **through Coop-J Admin Office** or **your university office** in charge



FAQ

Q3. What if I have essential research duties that cannot be set aside, but full participation for two months is required?

A3. Adjustments can be made in coordination with the host company.

(Example) Actual internship employment format:

- Duration: 3 months, working 3 days a week
- Mostly full-time, but can take leave when essential research matters cannot be set aside in the laboratory.



There was a case where **the internship period was split** after discussions between the students and the company.

Internship

University duties
(Break)

Internship



It's important to negotiate and make adjustments!

You can ask for help to **University or Coop-J coordinators!**

FAQ

Q4. What types of internship opportunities are available?

A4. Various internship opportunities are available depending on the period. We recommend checking the dedicated system as often as possible throughout the year to review new listings.

Q5. Can international students participate?

A5. Yes, it is possible. In actual matching, a certain level of Japanese language proficiency may be necessary, but there have been instances of successful matches for international students. Some JDs include English translations for international students.



In fact, according to the successful matches since FY2021, approximately **27%** of students are non-native Japanese speakers (as of May 1, 2025)

FAQ

Q6. Could you tell me about specific examples?

A6. Yes, we have several interview articles that I can share with you.

◆Case 1: Oki Electric Industry Co., Ltd. (Optical Systems Research and Development) × Applied Physics

◆Case2: Hitachi Ltd. (Decarbonization Solutions) × Environmental Science

◆Case3 : Air Liquide Laboratories (R&D of decarbonization materials)

Interviews

◆Case 1: Oki Electric Industry Co., Ltd. (Optical Systems Research and Development) × Applied Physics

"I decided to participate because I wanted to gain research experience in a company during my doctoral program before entering the workforce."

"After reviewing the detailed job description, I realized that it didn't align perfectly with my research topic, but I felt there was a compatibility between them, so I decided to apply."

"The actual job tasks were different from my research field, so I had to start by studying about Oki's sensing technology. In doing so, I realized that while the field may be different, **the process of solving problems is not significantly different from how research is conducted in the university.**"

Oki Electric Industry Co., Ltd. *Yume Talk Episode 66: OKI's First Job-Oriented Research Internship - Background and Achievements* (in Japanese)

https://www.oki.com/jp/yume_pro/yume_talks/archives/20221121/index.html

Interviews

◆Case2: Hitachi Ltd. (Decarbonization Solutions) × Environmental Science

"I believed that there was a gap between academia and the business environment, so I wanted to know what was happening in the field, and that's why I participated."

"In a doctoral program, I have been specializing in a specific field and want to build my career based on what I have been researching. **This internship allows me to confirm if there is a mismatch between my research and what the company expects**, so I find it very valuable. I believe it would be beneficial for other students as well."

(Comment from the representative of Hitachi)

"We would be happy if students choose Hitachi as their future workplace after experiencing the real work environment. However, **even if students don't choose Hitachi as their future workplace, I believe that they can gain something valuable for their research and career through the internship. That's also good for society.**"

Hitachi Ltd. *"Cooperative Education through Research Internships" Targeting PhD Students - The Purpose Behind It* (in Japanese)

<https://www.hitachi.com/ja-jp/insights/articles/job-type-employment-internship/>

Interviews

◆Case3 : Air Liquide Laboratories (R&D of decarbonization materials)



RESEARCH INTERNSHIP : Case Studies

ジョブ型研究 インターンシップ 実施事例

株式会社 エア・リキード・ラボラトリーズ

博士課程で身につけた問題解決能力に加えて、インターンシップで「プラスファクター」となる能力を身に磨けてほしい

2021年度からジョブ型研究インターンシップを実施していただいている株式会社エア・リキード・ラボラトリーズの代表取締役社長の飯田和利様、実際に学生受入をした現場の担当者のファン・パウロ・ウイフ様(博士(工学))の両名に本制度についてインタビューをしました。

受入先機関の紹介と「ジョブ型研究インターンシップ」について

一まずは簡単に会社について教えてください

飯田氏 工業用ガスと医療用ガスの世界トップサプライヤーであるエア・リキード社(本社:フランス)のコーポレートR&D(中央研究所)には、大規模な拠点が5箇所あります。その中のひとつが弊社、

始まったことは非常に良いことだと思います。その制度の拡大に協力したいと思うと同時に、そういった制度に積極的に参加してくるであろう優秀な学生さんに接してみたいという目的があります。

一インターンシップに参加される学生に期待すること、特に学部生・修士課程学生と比べて博士課程学生に期待していることがあれば教えてください

The full article is available on the website of Coop-J consortium.

<https://coopj-intern.com/24e59344336a476b8126f54b4359c093>



If there are specific expectations for doctoral students, particularly compared to undergraduate and master students, who participate in the internship, please let us know.

Even though we use the term "specialization," the specific field of study during student years typically spans only a few years.

I believe it can be seen as training for problem-solving skills.

....If they are faced with various challenges, how they perceive the problem and how they solve it, they repeat their training while majoring in a particular field.

...PhD students have acquired sufficient experience in developing their thinking skills, and they possess specialized knowledge and problem-solving abilities in their respective fields, which are highly sought by companies.

Also, they are required to have what is called "bird's-eye view," "influence," "communication," and "leadership" at the same time.

Have you made any specific efforts or considerations in accepting students for the internship program?

In Japan, typical internships are often very short, lasting only a week or so. However, what we want to emphasize is that we aim for internships to be opportunities for student growth. If a student participating in an internship at a company can achieve results and make a contribution that benefits society, it would be a wonderful opportunity for the students. In the case of participating in short-term internships, there is usually no expectation for students to take full responsibility for results. It's because such internships often limit the experience to the "process" and probably do not make a significant societal impact, even if students are fully committed.

Coop-J Consortium Networking Event

We have previously held face-to-face networking events on university campuses approximately 2 to 3 times a year, and we are planning to hold them this academic year as well.

Each event is attended by around 10 member companies of the consortium and about 50 doctoral students, featuring presentations from companies, reports on internship implementation by doctoral students, and free discussion sessions.

There have also been cases where these networking events led to successful matching.





COOPERATIVE EDUCATION THROUGH RESEARCH INTERNSHIPS

Information Session for Students

Coop-J Consortium Administration Office

(Operated by Acaric Co., Ltd.)



文部科学省

MEXT

MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN