Opportunities for Research Stay in Japan and Cooperation with Japan

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INTRODUCTION

(1) Where is Japan?

[Map showing Japan's location relative to Germany]
(2) Universities in Japan

- **National Universities** (over 90)
  - State Control
  - Supported by Central Government
    - ex. Tokyo, Kyoto, Osaka, Tohoku, Niigata, Yamaguchi

- **Public Universities** (about 45)
  - Prefecture or Municipal Control
  - Supported by Prefectural Government

- **Private Universities** (about 550)
  - Private Control
  - Supported by Private Organizations
    - ex. Waseda, Keio
Outline

1] Brief introduction of JSPS
2] JSPS International Programmes
   - Fellowships
   - Joint Research/ Joint Seminar with German partner organisations
3] Some New Initiatives
1] Brief Introduction of JSPS

- Japan Society for the Promotion of Science

日本 学術 振興 会
学術 = “Wissenschaft” = “Science”
= all academic fields of the humanities, social sciences and natural sciences

- Research funding agency
- Independent Administrative Institution
- Annual budget for 2006
  137.9 billion yen (≒ € 919 million)
1. Brief Introduction of JSPS

Main Functions

(1) Grants-in-Aid for Scientific Research & 21st Century COE Program
(2) Support for young researchers
(3) International scientific cooperation
(4) Cooperation between science and industry
(5) Information on scientific research activities
   - JSPS Bonn Office etc.
2. International Scientific Cooperation

Types of Programs

(1) Unilateral Programs
   - Fellowships for Overseas Researchers coming to Japan

(2) Bilateral Programs
   - 3 types of programs: Joint research projects / Joint scientific seminars / Scientist exchanges
   - Memoranda of Understanding (MOU)

(3) New Initiatives
   - Multinational/ Transdisciplinary/ Promote junior academics
2-1] Fellowships for Overseas Researchers

Carried out by the Overseas Fellowship Division

The career stage of a researcher

Receipt of a doctoral degree

(Doctoral Course) Six years from receipt of a doctoral degree Middle career~ Professor Deserving a Nobel Prize

Government-financed Overseas Student

Postdoctoral Fellowship for Foreign Researchers
- Post-Doctoral Fellow
- 1 to 2 years
- About 600 Fellows Every Year

Invitation fellowship for Foreign Researchers (Long-Term)
- Middle career to Professor
- 2 to 10 months
- About 80

Invitation fellowship for Foreign Researchers (Short-Term)
- Professor etc.
- 14 to 60 days
- A little less than 300

Award for Eminent Scientists
- Deserving a Nobel Prize
- Several Researches

Summer program
- About 100 Fellows Every Summer

Postdoctoral Fellowship Program (Short-Term)
- 16 days to 11 months
- About 100 Fellows

Invitation fellowship for Foreign Researchers (Short-Term)
- Professor etc.
- 14 to 60 days
- A little less than 300

Award for Eminent Scientists
- Deserving a Nobel Prize
- Several Researches
3. JSPS Unilateral Programs

Opportunities for Research Stay in Japan

For young or junior researchers

(1) JSPS Summer Program

(2) Postdoctoral / Pre-doctoral Fellowships for Foreign Researchers

For senior researchers

(3) Invitation Fellowships for Research in Japan

- exclusive financial support by JSPS, but cooperate with foreign counterpart institutions
3–1. JSPS Summer Program

Purpose

- To provide opportunities for young researchers to touch Japan, and to experience a research stay in Japan
- Orientation session on Japanese language, culture and research system, home-stay and cooperative research under the guidance of hosts

Field of Research & Duration of Program

- All academic fields are supported
- Duration: 2 months in the summer
  (Every year: 12 Jun. – 22 Aug.)

Fellow Eligibility

- Citizen or permanent resident of 5 participating countries; U.S.A, UK, France, Canada, and Germany
- Doctorate holder (within 6 years prior to the beginning of the fellowship)
- Doctoral course student
3-1. JSPS Summer Program

Terms of Award (Fellows only)

- Round-trip air ticket
- **A maintenance allowance:** 534,000 yen ≈ 3,900 euro
- Domestic research travel allowance:
- **A research support allowance:** up to 100,000 yen ≈ 730 euro

Application Procedure

- Application through the nominating authorities in U.S., U.K., France, Canada, Germany

  **13 quota for German**

  nominating authorities: DAAD 🇩🇪

(65 for U.S., 10 for U.K., 13 for France and 9 for Canada)
3-1. JSPS Summer Program

Orientation session
3. JSPS Unilateral Programs

Further Opportunities for Research Stay in Japan

For young or junior researchers

(1) JSPS Summer Program
(2) Postdoctoral / Pre-doctoral Fellowships for Foreign Researchers

For senior researchers

(3) Invitation Fellowships for Research in Japan
## 3-2. Post-doctoral Fellowship Programs

### Comparison of the two types of the Programs

<table>
<thead>
<tr>
<th>Field of Research</th>
<th>All Academic Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration</strong></td>
<td></td>
</tr>
<tr>
<td>12-24 months</td>
<td>16 days - 11 months</td>
</tr>
<tr>
<td><strong>Eligibility</strong></td>
<td></td>
</tr>
<tr>
<td>1) Citizen of a country that has diplomatic relations with Japan</td>
<td>1) Citizen of designated North American and European countries</td>
</tr>
<tr>
<td>2) Doctorate holder</td>
<td>2) Doctorate holder</td>
</tr>
<tr>
<td></td>
<td>3) Doctoral course student</td>
</tr>
<tr>
<td><strong>Application Channels</strong></td>
<td></td>
</tr>
<tr>
<td>1) through the host scientists in Japan</td>
<td></td>
</tr>
<tr>
<td>2) through the nominating authority(s) in Germany</td>
<td></td>
</tr>
<tr>
<td><strong>Recruitments</strong></td>
<td>2 times per year</td>
</tr>
<tr>
<td></td>
<td>6 times per year</td>
</tr>
<tr>
<td><strong>Number of Fellowships</strong></td>
<td>about 350</td>
</tr>
<tr>
<td></td>
<td>about 140</td>
</tr>
</tbody>
</table>
3-2-1. Postdoctoral Fellowships (Short-term)

**Purpose**
- To provide and increase opportunities for **young researchers from North America and Europe** to touch Japan, and to make a preliminary visit to Japan for shorter-possible period

**Field of Research & Duration of Fellowships**
- **All academic fields** are supported
- **Duration:** from 16 days to 11 months

**Fellow Eligibility**
- **Doctoral course student** (be scheduled to obtain a Ph.D within 2 years)
- **Doctorate holder** (within 6 years prior to the beginning of fellowship)
- Citizen or permanent resident Researchers of **U.S.A and EU membership countries**.
3-2-1. Postdoctoral Fellowships (Short-term)

Terms of Award (Fellows only)

- **Round-trip air ticket**

- **Monthly maintenance allowance:**
  - Pre-Doc 350,000 yen $\approx 2364$ euro
  - Post –Doc 382,000 yen $\approx 2,580$ euro

- **Settling-in allowance:** (for Fellows with a tenure of three or more months)

  200,000 yen $\approx 1,350$ euro

- **Annual domestic research travel allowance:** 58,500 yen $\approx 400$ euro

- **A monthly research support allowance:** 81,000 yen $\approx 547$ euro

Application Procedure

Two Application Channels

1. Host scientists in Japan apply to JSPS (Tokyo)
2. Application through the nominating authorities (JSPS Overseas Offices) in France, Germany, Sweden, U.K. and U.S. [DAAD, AvH]
### 3-2-1. Postdoctoral Fellowships (Short-term)

Application Periods for the Application Channel ① (Through Japanese host researchers to JSPS)

Program for 2007-2008 (approximately 60 Fellowships in total)

<table>
<thead>
<tr>
<th>Recruitments</th>
<th>Application Periods</th>
<th>Fellowship Commencement</th>
</tr>
</thead>
</table>
3-2-1. Postdoctoral Fellowships *(Short-term)*

**Application Channel ②**

*(about 20 Fellowships for German)*

(1) Through **DAAD**
- **pre-doctoral students**:
  Stay in Japan *from 16 days to 11 months*
- **Ph.D. holders**:
  Stay in Japan *from 16 days to 6 months*

(2) Through **AvH**
- **Ph.D. holders**:
  Stay in Japan *more than 6 months* *(and no longer than 11 months)*
3-2-2. Postdoctoral Fellowships for Foreign Researchers (Standard)

**Purpose**
- To invite promising and highly qualified *young researchers* to Japan, stimulating Japanese younger generation

**Field of Research**
- *All academic fields* are supported

**Duration & Start of Fellowship**
- Duration: *12 to 24 months*
  - Start of Fellowship
    - For *1st Recruitment* (September): Apr. 1 – Sep. 30 of the next year
    - For *2nd Recruitment* (May): Sep. 1 – Nov. 30 of the same year

"Science Dialog Program"
new!!!
- To dispatch JSPS Fellows to give lectures at Japanese high schools
3-2-2. Postdoctoral Fellowships (Standard)

Fellow Eligibility

- Citizen of all countries
- Doctorate holder
  (within 6 years prior to the beginning of the fellowship)

Terms of Award (Fellows only)

- Round-trip air ticket
- Monthly maintenance allowance: 382,000 yen $\approx$ 2,580 euro
- Settling-in allowance: 200,000 yen $\approx$ 1,350 euro
- Annual domestic research travel allowance: 58,500 yen $\approx$ 400 euro
* Annual research grant of up to 1.5 million yen $\approx$ 10,140 euro is also available.
* Japanese language course is available, if necessary.
3-2-2. Postdoctoral Fellowships (Standard)

Application Procedure

Two Application Channels

① The inviting host scientists in Japan apply to JSPS.

② German scientists apply through the German nominating authority.

*Alexander von Humboldt-Stiftung (AvH) a quota of 20 scientists
3. JSPS Unilateral Programs

Further Opportunities for Research Stay in Japan

For young or junior researchers

(1) JSPS Summer Program
(2) Postdoctoral / Pre-doctoral Fellowships for Foreign Researchers

For senior researchers

(3) Invitation Fellowships for Research in Japan
### 3-3. Invitation Fellowships for Research in Japan

Researchers of all countries are eligible.

<table>
<thead>
<tr>
<th>Type</th>
<th><strong>Short Term</strong> (14 to 60 days)</th>
<th><strong>Long Term</strong> (2 to 10 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eligibility</td>
<td>Senior scientists</td>
<td>Relatively younger scientists</td>
</tr>
<tr>
<td>Objective of Stay in Japan</td>
<td>Discussion, Lecture, Seminar</td>
<td>Cooperative research work</td>
</tr>
<tr>
<td>Terms of Award</td>
<td>Air ticket, daily allowance, etc.</td>
<td>Air ticket, monthly allowance, etc.</td>
</tr>
<tr>
<td>Application Periods</td>
<td>September and May</td>
<td>September</td>
</tr>
</tbody>
</table>
3-3. Invitation Fellowships for Research in Japan

Application Procedure

Two Application Channels

① The inviting host scientists in Japan apply to JSPS.

② German scientists apply through the German nominating authorities.
   (DAAD) → 15 scientists for short-term
International Scientific Cooperation

For further Cooperation with Japan

(1) **Unilateral Programs**
   - Inviting foreign researchers to Japan

(2) **Bilateral Programs**
   - Memoranda of Understanding (MOU)
   - 3 types of programs: Joint research projects / Joint scientific seminars / Scientist exchanges

(3) **New Initiatives**
   - Multilateral/ Transdisciplinary/ Promote junior academics
4. Bilateral Programs

Framework of the Bilateral Programs

Memorandum of Understanding

Joint staff meetings / routine communications

Counterpart Foreign Academic Institutions

81 Institutions in 44 countries

Japan (JSPS)

Germany (AvH, DAAD, DFG, MPG)

81 Institutions
4. Bilateral Programs

**Type of Bilateral Programs**

- Scientist Exchanges
- Joint Research Projects
- Joint Scientific Seminars

**Institutions**

- DAAD
- DFG
- AvH

JSPS’s counterpart academic institutions in Germany
6. JSPS Overseas Offices

- JSPS London Office
- JSPS Strasbourg Office
- JSPS Bonn Office
- JSPS Stockholm Office

Prof. Tanaka
Director of JSPS Bonn Office
JSPS German Alumni Association
- JSPS Club -

- Established in 1995
- President: Prof. Dr. Heinrich Menkhaus, Philipps-Univ. Marburg (Japanese law)
  - Provides information on Japanese academic activities
  - Builds network among JSPS program participants

http://www.jsps-club.de
7. Directory of Research Activities and Resources in Japan

(1) National Institute of Informatics (NII)

provides **free on-line service** in both Japanese and in English.

* Institute/Subject/Researcher data base,
* Resource data base (paper, theses, books, and so on)

http://www.nii.ac.jp/

(2) JSPS Bonn Office

provides information links for search

http://www.forschen-in-japan.de
(3) JSPS Fellows Plaza
provide information on living and doing research in Japan
http://www.jsps.go.jp/english/e-plaza/
8. Further Information

(1) JSPS Tokyo
http://www.jsps.go.jp/
※Application Forms downloadable

(2) JSPS Bonn Office
http://www.jsps-bonn.de

(3) JSPS Club (Deutsche Gesellschaft der JSPS-Stipendiaten e.V.)
http://www.jsps-club.de
Vielen Dank!

Sawa Koyama
JSPS Bonn Office